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OCCIDENTAL COLLEGE OFFICIAL PUBLICATION

NEW SERIES

VOL. 1, No. 1

CATALOGUE 1922-1923

Los Angeles
Published by the College
May 1923

OCCIDENTAL COLLEGE OFFICIAL PUBLICATION

New Series

May, 1923

Vol. I, No. 1

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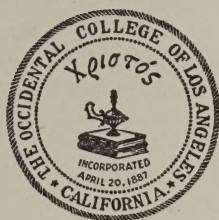
Occidental College,
Los Angeles, California.

DIRECTORY

The campus is reached in a thirty minute ride by street cars from Broadway via Eagle Rock line, or from Spring Street via York Boulevard line. From Glendale, Pacific Electric cars run to Eagle Rock. The better approaches to the College by highways are via Pasadena Avenue-York Boulevard and San Fernando-Verdugo Roads; from Glendale and Pasadena, via Colorado Boulevard-Central Avenue.

CATALOGUE OF
OCCIDENTAL COLLEGE
1922-1923

with
ANNOUNCEMENTS FOR
1923-1924



Los Angeles
Published by the College
May 1923

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1922/23 - 1926/27

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CALENDAR

1923

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COLLEGE CALENDAR

1923-1924

Sept. 13-15	Thursday-Saturday	Registration days; entrance examinations.
Sept. 17	Monday	First semester begins; College Assembly at 11 a. m.
Sept. 21	Friday	Last day for registration of old students, for filing study-lists, or for changing study-lists without special fee.
Oct. 4	Thursday	Procession of Lanterns.
Oct. 5	Friday	Last day for registration for full work.
Nov. 2	Friday	Last day for discontinuing a course.
Nov. 29-30	Thursday-Friday	Thanksgiving recess.
Dec. 14	Friday	Christmas vacation begins, 3:30 p. m.
Jan. 2	Wednesday	Christmas vacation ends; instruction begins, 8:30 a. m.
Jan. 4	Friday	Annual Alumni Day.
Jan. 25-31	Friday-Thursday	Mid-year examinations.
Feb. 1-2	Friday-Saturday	Registration for second semester.
Feb. 4	Monday	Instruction of second semester begins, 8:30 a. m. Last day for filing application in candidacy for the Master of Arts degree to be conferred in June.
Feb. 19	Tuesday	Occidental College Supper.
Feb. 22	Friday	Washington's birthday; holiday.
April 11	Friday	Spring vacation begins, 3:30 p. m.
April 21	Monday	Spring vacation ends, 8:30 a. m.
April 25	Friday	Founders' Day (April 20).
May 2	Friday	Last day for removal of conditions by candidates for a degree in June.
May 19	Monday	Last day of filing, in final form, thesis for Master of Arts degree to be conferred in June.
May 30	Friday	Memorial Day; holiday.
June 6-12	Friday-Thursday	Final examinations.
June 8	Sunday	Baccalaureate Sermon; Vesper services of Christian Associations.
June 14	Saturday	Senior Class Day, 10:30 a. m. Thirty-second annual Commencement.

ADMINISTRATIVE OFFICERS

BOARD OF TRUSTEES

TERM EXPIRING JANUARY 31, 1924

GEORGE E. HUNTSBERGER, 450 Lucerne Avenue, Los Angeles, Calif.
JAMES GARFIELD WARREN, 323 Andrew Boulevard, Los Angeles, Calif.
A. POMEROY HOFFMAN, 137 Cedar Avenue, Long Beach, California.
HAROLD B. LANDRETH, Central Building, Pasadena, California.

TERM EXPIRING JANUARY 31, 1925

REV. WILLIAM STEWART YOUNG, D. D., 645 South Boyle Avenue, Los Angeles, California.
E. P. CLAPP, M. D., 300 Elevado Drive, Pasadena, California.
REV. HUGH K. WALKER, D. D., LL. D., 2642 Van Buren Street, Los Angeles, California.
ARTHUR W. BUELL, M. D., First National Bank Building, Long Beach, California.

TERM EXPIRING JANUARY 31, 1926

DAVID B. GAMBLE, 4 Westmoreland Place, Pasadena, California.
JOHN WILLIS BAER, LL. D., LITT. D., Pacific Southwest Trust & Savings Bank, Pasadena, California.
ALMER MAYO NEWHALL, Newhall Building, San Francisco, Calif.
REMSEN DU BOIS BIRD, D. D., Occidental College, Los Angeles, Calif.

TERM EXPIRING JANUARY 31, 1927

FRANK P. FLINT, Title Insurance Building, Los Angeles, California.
REV. ROBERT FREEMAN, D. D., 675 Magnolia Avenue, Pasadena, Calif.
ALPHONZO BELL, Beverly Hills, California.
WILLIAM MEADE ORR, Alhambra, California.

TERM EXPIRING JANUARY 31, 1928

JOHN G. BULLOCK, Seventh and Broadway, Los Angeles, Calif.
FRED H. SCHAUER, Santa Barbara, California.
JED W. BURNS, 672 South Serrano Street, Los Angeles, California.
HENRY GUDGELL BOICE, San Carlos, Arizona.

OFFICERS OF THE BOARD

(1922-1923)

JOHN WILLIS BAER.....	<i>President</i>
ROBERT FREEMAN.....	<i>First Vice-President</i>
E. P. CLAPP.....	<i>Second Vice-President</i>
WILLIAM S. YOUNG.....	<i>Secretary</i>
JED W. BURNS.....	<i>Treasurer</i>
WILBUR G. SMART.....	<i>Assistant Treasurer</i>

COMMITTEES OF THE BOARD

EXECUTIVE:—————, Chairman; Freeman, Clapp, Young, Gamble, Burns.
FINANCE: Burns, Chairman; Gamble, Orr, Bird, Bell.
FACULTY: Young, Chairman; Bell, Bird.
NOMINATING: Bird, Chairman; Schauer, Young, Boice.
GROUND AND BUILDINGS: Clapp, Chairman; Huntsberger, Burns, Landreth, Orr.
LIBRARY: Gamble, Chairman; Walker, Freeman, Newhall, Flint.
DEGREES: Newhall, Chairman; Warren, Freeman, Buell, Hoffman.

OFFICERS OF ADMINISTRATION AND INSTRUCTION

OFFICERS OF ADMINISTRATION

REMSSEN DU BOIS BIRD, A. B., B. D., D. D.....	<i>President</i>
THOMAS G. BURT, A. B., A. M., Ph. D.....	<i>Dean and Registrar</i>
IRENE T. MYERS, A. B., Ph. D.....	<i>Dean of Women</i>
GEORGE FOX COOK, A. B., Ph. D.....	<i>Librarian</i>
ELIZABETH ADA FALES.....	<i>Assistant Librarian</i>
WILBUR G. SMART.....	<i>Business Manager</i>
GERTRUDE S. GRIFFITH.....	<i>Secretary to the President</i>
MABEL C. THAYER.....	<i>Secretary to the Dean</i>
JANE GUTHRIE.....	<i>Office Assistant</i>
LEE GILDERSLEEVE.....	<i>Office Assistant</i>
RUTH GUSTAFSON.....	<i>Office Assistant</i>
IDA UZELLE.....	<i>Assistant to the Registrar</i>
THOMAS BERRESFORD	<i>Head Gardener</i>

*THE FACULTY

-
- ERNEST E. ALLEN, 129 East Avenue 53, Los Angeles
Professor of Mathematics.
A. B., Park College, 1899, A. M., 1903. (1902)
- WILLIAM B. ALLISON, 340 East Ridgeway Ave., Eagle Rock
Professor of Spanish.
A. B., Washington and Jefferson College, 1890, M. A., 1893. (1922)
- WILLIAM GORDON BELL, 5629 Hub Street, Los Angeles
Professor of French.
Ph. B., University of Colorado, 1903, A. M., 1904. (1909)
- NORA E. BILLER, 2957 West 10th Street, Los Angeles
Assistant in Physical Education.
(1922)
- FREDERICK LUCIEN BIRD, 1422 West Ave. 48, Los Angeles
Professor of Political Science.
A. B., Lafayette College, 1913; A. M., Columbia University, 1921.
(1921)
- MIRA SUTHERLAND BIRD, 1422 West Ave. 48, Los Angeles
Instructor in Dietetics and Public Nursing.
R. N. (Indiana), 1912. (1922)
- REMSEN DU BOIS BIRD, President's House, Campus
President and Professor of Religious Education.
A. B., Lafayette College, 1909; B. D., Princeton Theological Seminary, 1912; D. D., Lafayette College, 1919. (1921)
- THOMAS G. BURT, 5323 Aldama Street, Los Angeles
Dean and Professor of Philosophy.
A. B., Hamilton College, 1895, A. M., 1898; Ph. D., Kansas City University, 1901. (1909)
- ELBERT E. CHANDLER, 1011 Woodrow Ave., Eagle Rock
Professor of Chemistry.
A. B., William Jewell College, 1891; LL. B., University of Michigan, 1893; Ph. D., University of Chicago, 1906. (1906)
- JEAN CHRISTIE, 1761 North Fair Oaks Ave., Pasadena
Instructor in French.
A. B., Wellesley College, 1915; A. M., Columbia University, 1916. (1922)
- ROBERT GLASS CLELAND, 1720 Fletcher Ave., So. Pasadena
Professor of History.
A. B., Occidental College, 1907; A. B., Princeton University, 1909, Ph. D., 1912. (1912)
- GEORGE FOX COOK, 1117 West Avenue 54, Los Angeles
Librarian and Professor of Education.
A. B., Baker University, 1893; Ph. D., Little Rock University, 1895. (1907)
- MARY CARRUTH CUNNINGHAM, 221 W. Avenue 54, Los Angeles
Associate Professor of Art.
A. M., Occidental College, 1909. (1904)

*The year of first appointment is given after each name.

- CHARLES B. DIRKS, 118 Rowland Ave., Eagle Rock
College Physician and Lecturer in Hygiene.
Ph. B., University of Chicago, 1899; M. D., Rush Medical College,
1903. (1920)
- CALVIN PARDEE ERDMAN, 1044 Armada Drive, Pasadena
Associate Professor of Religious Education.
A. B., Princeton University, 1915, A. M., 1921; S. T. B., Princeton
Theological Seminary, 1921. (1922)
- CHARLES R. ERDMAN, JR., Alexandria Court, Pasadena
Instructor in History.
A. B., Princeton University, 1920. (1922)
- CALVIN O. ESTERLY, 1481 Campus Road, Los Angeles
Professor of Zoology.
A. B., University of California, 1902, A. M., 1904; Ph. D., Harvard
University, 1907. (1907)
- MABEL J. FARDELIUS, 660 West Jefferson Street, Los Angeles
Associate Professor of Hygiene and Physical Education.
A. B., University of Southern California, 1917; A. M., Hanford Uni-
versity, 1920. (1920)
- CLOTILDE G. FISK, 407 Campus Road, Los Angeles
Instructor in German.
B. L., University of California, 1899. (1921)
- CAROLINE EMERSON HODGSON,
Associate Professor of Hygiene and Physical Education.
H. P. E., Wellesley College, 1910. (1923)
- ERNEST E. HARWOOD, Eagle Rock
Instructor in Education. (1922)
- HAROLD B. LANDRETH, 1385 Hillcrest Avenue, Pasadena
Instructor in Political Science.
A. B., Occidental College, 1912; J. D. Stanford, 1915. (1922)
- WARREN T. McGRATH, 5140 Lincoln Avenue, Los Angeles
Acting Professor of Economics.
A. B., University of California, 1919. (1923)
- FRED F. McLAIN, 2012 Fletcher Avenue, South Pasadena
Instructor in Accounting and Graduate Manager.
A. B., Occidental College, 1916. (1921)
- CHARLES GILBERT MILHAM, 5846 La Mirada Avenue, Los Angeles
Instructor in Journalism. (1922)
- CHARLES BARCLAY MOORE, 530 West Avenue 54, Los Angeles
Lecturer in Education.
A. B., Wabash College, 1900; A. M., Columbia University, 1902.
(1922)
- VIRGIL FRANKLIN MORSE, 420 East Stanley Avenue, Eagle Rock
Assistant Professor of Mathematics and Technical Drawing.
B. S. in E. E., California Institute of Technology, 1914. (1922)
- JOHN MURDOCH, 561 South Pasadena, Pasadena
Instructor in Religious Education.
A. B., Queen's University, 1916; A. M., University of London, 1918;
B. D., San Francisco Theological Seminary, 1922. (1922)

- IRENE T. MYERS, 158 North Euclid Avenue, Pasadena
Dean of Women and Professor of History.
A. B., Bethany College; Ph. D., Yale University. (1917)
- JOHN PRICE ODELL, 1279 North Los Robles Avenue, Pasadena
Associate Professor of English.
A. B., Northwestern University, 1894, A. M., 1909. (1909)
- JOSEPH A. PIPAL, 4843 Baltimore Street, Los Angeles
Professor of Physical Education and Director of Athletics. (1911)
- JULIA A. PIPAL, 4843 Baltimore Street, Los Angeles
Instructor in Public Speaking. (1912)
- RAYMOND M. SELLE, 380 North Holliston Avenue, Pasadena
Instructor in Zoology.
B. S., Occidental College, 1920; M. A., University of California, 1921. (1923)
- JOHN CUTLER SHEDD, 219 West Colorado Boulevard, Eagle Rock
Professor of Physics.
A. B., Princeton University, 1891; M. S., Cornell University, 1892;
Ph. D., University of Wisconsin, 1899. (1916)
- JAMES HUNTLEY SINCLAIR, Pasadena
Professor of Education.
B. A., Oxford, 1911, M. A., 1915; Ph. D., Syracuse University, 1916. (1922)
- FRANK J. SMILEY, 1493 Campus Road, Los Angeles
Professor of Botany and Geology.
A. B., Stanford University, 1913, A. M., 1914; A. M., Harvard University, 1914, Ph. D., 1917. (1916)
- BENJAMIN F. STELTER, 1083 West 35th Street, Los Angeles
Professor of English.
A. B., University of Kansas, 1905; A. M., Yale University, 1909; Ph. D., Cornell University, 1913. (1921)
- WILLIAM S. STEVENSON, 5054 Pasadena Avenue, Los Angeles
Professor of Sociology, Emeritus.
A. B., College of the City of New York, 1867; LL. D., Occidental College, 1909. (1899)
- LAURA CRITTENDEN SWARTZ, 800 West 116th Street, Los Angeles
Instructor in Physical Education for Women.
A. B., University of Southern California, 1920. (1922)
- GUY A. THOMPSON, 122 Rowland Avenue, Eagle Rock
Associate Professor of English.
A. B., University of Illinois, 1898; A. B., Harvard University, 1900, A. M., 1901; Ph. D., University of Chicago, 1912. (1920)
- *WALTER L. THORNTON, Fullerton, California
Professor of Economics.
A. B., University of Texas, 1916, A. M., 1918. (1921)
- WILLIAM DENNIS WARD, 1515 Campus Road, Los Angeles
Professor of Classical Languages.
A. B., Wabash College, 1881, A. M., 1888; Ph. D., Wooster University, 1898. (1906)

*Resigned, February 1, 1923.

- KEM WEBER, 4218 Berenice Street, Los Angeles
Instructor in Art.
Kunst-Gewerbe Museum, Berlin. (1922)
- HENRY NELSON WIEMAN, 305 East Adams Street, Eagle Rock
Professor of Philosophy.
A. B., Park College, 1907; Ph. D., Harvard University, 1917. (1917)
- ARTHUR STERLING WILEY, 829½ South Catalina Street, Los Angeles
Assistant Professor of Romance Languages.
A. B., Harvard University, 1922. (1922)
-
- ELIZABETH M. COUTTS, 1502 Fremont Avenue, Pasadena
Associate in History.
A. B., Occidental College, 1922. (1922)
- IRA LOREN WIGGINS, 4556 Alumni Avenue, Los Angeles
Associate in Botany.
A. B., Occidental College, 1922. (1922)

FACULTY COMMITTEES

1922-23.

ADVISORY: Bird, Burt, Myers, Wieman, Smiley, Chandler.

ADMISSION, CLASSIFICATION AND SCHEDULE: Burt, Myers, Allen, Ward, Esterly, Smiley, Sinclair.

ATHLETICS: Esterly, Cleland, Pipal, Smiley, McLain, C. Erdman.

CATALOGUE: Stelter, Odell, Burt, Chandler, Allen, Thornton, Wiley.

CHRISTIAN WORK: P. Erdman, Bird, Wieman, Thornton, Cunningham.

CURRICULUM: Ward, Allen, Esterly, Burt, Sinclair.

GRADUATE: Sinclair, Bell, Burt, Myers, Shedd, Stelter.

GROUND AND BUILDINGS: Smiley, Bell, Fardelius, McLain, Chandler, Thornton, Allison.

LABORATORIES: Chandler, Esterly, Shedd, Smiley, Morse.

LIBRARY: Cook, Odell, Myers, Cleland, Chandler, Fisk, Fales.

RULES AND DISCIPLINE: Burt, Myers, Ward, Wieman, Thornton, P. Erdman.

SOCIAL LIFE: Myers, Cunningham, Shedd, C. Erdman, Thompson, Fardelius, McLain, Mrs. Pipal.

HISTORY AND ORGANIZATION

CHRONOLOGICAL DEVELOPMENT OF OCCIDENTAL COLLEGE

- 1885—Pastors and laymen of the Presbyterian churches of Los Angeles organized under Rev. W. S. Young, D.D., for the founding of a Christian institution of higher learning in Los Angeles.
- 1886—"The Presbyterian Ministerial Union," superseding the former organization, requested Rev. Samuel H. Weller, D.D., to outline the plan of the college.
- 1887—On April 20th, "The Occidental University of Los Angeles" was incorporated.
- 1888—Formal opening of institution, September 11th, under presidency of Dr. Samuel H. Weller.
- 1888—McPherron Academy, founded 1886, absorbed as part of the College.
- 1892—On July 8th, with other changes in charter, the name of the institution became "The Occidental College of Los Angeles."
- 1893—First degrees granted.
- 1897—Alumni Association organized.
- 1901—School of Music established.
- 1905—Associated Student Body organized.
- 1906—Deanship of Women established.
- 1908—School of Music discontinued.
- 1910—Academy voted discontinued; instruction to close in June, 1918.
- 1910—With changes in charter, College became non-sectarian, April 7th.
- 1910—Occidental Women's Club organized.
- 1911—Graduate Council of Alumni Association organized.
- 1916—President's Advisory Committee established.
- 1918—Federal S.A.T.C. and R.O.T.C. established and continued till 1919.
- 1918—January 4th, Alumni Day established.
- 1918—Pre-technical and Pre-professional courses established in co-operation with other institutions.
- 1921—The granting of the State High School Teacher's Certificate in Physical Education authorized by the State Board of Education.
- 1921—Founders' Day established, April 20th.
- 1922—Women graduates admitted to membership in the American Association of University Women, April 7th.
- 1922—Graduate School founded.
- 1922—School of Education founded; granting of California Elementary and High School Teacher's Certificates authorized by the State Board of Education.

SITES OF THE COLLEGE

In the course of its history Occidental College has occupied three sites. From 1887 to 1896 it was located east of the city limits, on Boyle Heights, between First and Second Streets. On the destruction of its main building by fire, January 13th, of the latter year, sessions were held in the Boyle Heights Presbyterian Church until Commencement, and for two years thereafter in rented quarters on Hill Street between Sixth and Seventh Streets. In 1898 buildings were ready for occupancy on a new site in Highland Park. In time certain features of this location rendered it unsuited to the needs of the rapidly growing institution, and in the summer of 1914 the College was removed to its present campus in Eagle Rock.

SUCCESSION OF PRESIDENTS

Following is the succession of Presidents of the College:

*SAMUEL H. WELLER, D. D., 1887-1891.

*J. M. McPHERRON, A. M., 1891-1894.

*ELBERT N. CONDIT, A. M., 1894-1896.

J. W. PARKHILL, D. D., 1896-1897.

GUY W. WADSWORTH, D. D., 1897-1905.

W. S. YOUNG, D. D. (Acting), 1905-1906.

JOHN WILLIS BAER, Litt. D., LL. D., 1906-1916.

THOMAS G. BURT, Ph. D. (Acting), 1916-1917.

SILAS EVANS, D. D., LL. D., 1917-1920.

THOMAS G. BURT, Ph. D. (Acting), 1920-1921.

REMSEN DU BOIS BIRD, D. D., 1921—

*Deceased.

GOVERNMENT OF THE COLLEGE

By the Articles of Incorporation the government of Occidental College is committed to a self-perpetuating Board of Trustees, in voluntary association for maintaining the Corporation under the laws of the State of California. The Board consists of twenty members, four of whom are elected annually to serve for a period of five years. The Trustees must be citizens of the United States, members of an evangelical church, and a majority residents of California. They are empowered "to receive and to hold real and personal property; to erect buildings, established and maintained for educational purposes, with all power necessary to maintain and conduct a non-sectarian college of Liberal Arts and Natural Sciences; to grant such literary honors as are usually granted by

any college of learning in the United States, and to give suitable diplomas under seal and signature of such officers of the College as shall be deemed expedient."

The Board elects administrative, instructional, and other officers and determines the general policies of management and control. The Articles of Incorporation provide that "the teaching and management of the College shall always be in accord with that of the evangelical Christian churches concerning fundamental doctrines of Christianity."

The President, with the aid of the administrative officers and faculty, has power and authority in all the general administrative functions within the College.

The President's Advisory Committee was recognized in 1918 as an integral part of the Administration. It is composed of the Dean, the Dean of Women, and three faculty members elected by the faculty. Executive acts relating to faculty position and tenure of office are submitted by the President to the Advisory Committee.

The Dean of the College, as an administrative officer, assists the President, is a member of his Advisory Committee, supervises registration, and in general has charge of all matters pertaining to the interests of students.

The Dean of Women, as an administrative officer, is a member of the President's Advisory Committee, and is concerned with all matters pertaining to the interests of women in the College, including a general supervision of their boarding and housing conditions and of their social life. She also acts in an advisory capacity regarding the general and personal plans and activities of women students.

The President appoints the Standing Committees of the Faculty, which administer for the faculty within their various provinces.

The department faculties offer such courses as have been approved by the proper faculty committee, have direction of the work of instruction, and through the heads administer the affairs of the departments.

LOCATION

Occidental College is situated in the northern suburbs of Los Angeles, the metropolitan educational and cultural center of the Pacific Southwest. Its location affords the College exceptional opportunities of contact with representative national culture. Particularly is this true in regard to the arts, social sciences, religious education, and humanities in general. Several libraries and mu-

seums, containing collections of great scientific interest and value are located in and about the city. Among these are the Huntington Library, with its world famous collections of rare volumes; the Los Angeles Public Library of over six hundred thousand volumes; the Southwest Museum, containing a remarkable collection of early California and old Spanish records; the Otis Memorial Art Institute; the Clark Astronomical Museum; and the Art Museum and State Exhibit at Exposition Park. Within a few miles of the College are the Mt. Lowe and Mt. Wilson Astronomical Observatories. Los Angeles is well known as an artistic center in musical, dramatic, and graphic arts. Numerous exhibitions and concerts are held in the city annually; it is visited by all leading dramatic productions; its frequent conventions bring state and national discussion of political, social, and religious interests; its religious institutions afford opportunity for a rich and liberal spiritual education; a number of men, nationally and internationally famous, may be heard in the city annually.

THE COLLEGE CAMPUS is in proximity to these interests, yet sufficiently removed from city distractions. The Campus is composed of nearly a hundred acres, resembling in shape a roughly drawn semicircle. Low hills mark its diameter, while the curved portion includes a considerable section of valley. One of its charms, as seen from its highest point, is its diversity. Above its hills rise the Sierra Madre Mountains, including Mt. Lowe and Mt. Wilson. In two other directions the sky line is broken by Verdugo and Santa Monica ranges. A lower area toward the southwest gives direct access to the sea breeze, which purifies and tempers the atmosphere.

The average mean temperature of the locality for the months in which the College is in session is sixty degrees, with an average variation of ten degrees. The average rainfall, confined chiefly to the months from December to March, inclusive, is normally about sixteen inches.

The Campus adapts itself well to its usages. On a convenient slope appears the general contour of a natural open-air theatre, for the development of which gifts are forthcoming. Below this is a native grove of wide-spreading live oaks. A considerable sum has recently been provided for ornamentation of the Campus as eminent landscape artists may direct.

THE QUADRANGLE, outlined by the buildings of the College, is located at the foot of the hills which form the eastern boundary of the Campus. During the year 1922 its landscape gardening was

greatly improved through the generosity of Mr. William Meade Orr, of Alhambra.

THE GATE, also the gift of Mr. Orr, marking the entrance to the ornamental drive through which the Campus is approached, is in process of construction.

BUILDINGS AND EQUIPMENT

JOHNSON HALL OF LETTERS and FOWLER HALL OF SCIENCE form the principal unit of the upper or east side of the main quadrangle. Their characteristic design, after the style of the Italian Renaissance, sets a general architectural plan for all the permanent buildings of the Campus. Their structural frame is of reinforced concrete, the exterior being finished in white stucco with stone trimmings. Both are strictly fireproof. The former is the gift of Mr. and Mrs. O. T. Johnson, of Los Angeles, who are credited with various other generousities to the College. The latter, a memorial to Mr. Eldridge M. Fowler, of Pasadena, was erected by his daughter and granddaughter.

In Johnson Hall, on the first floor, are located the Administrative offices, the College Post Office, the Students' Co-operative Book Store, the Y.W.C.A. Hall and the social rooms for women. In the south end of the building is a Chapel of the Old English type, known as Alumni Hall. The remainder of the building is devoted to lecture and class rooms and the offices for various departments of instruction in the liberal arts.

Fowler Hall provides commodious, well arranged quarters for the departments of natural sciences. The laboratories incorporate the usual facilities and adequate modern apparatus demanded for demonstration and experiment. Part of the first floor is occupied by a Social Hall, Y.M.C.A. quarters, and locker rooms for men.

THE UPPER QUADRANGLE, an ornamental terrace which separates these buildings, is approached by broad flights of concrete steps, while from the terrace itself similar steps lead to the second floor of either building.

THE LIBRARY, in process of construction at the south side of the quadrangle, is an anonymous gift in memory of Mrs. Mary Norton Clapp, wife of E. P. Clapp, of the Board of Trustees. It will be completed in September, 1923, at a cost of one hundred and fifty thousand dollars.

Through the generosity of Mr. David B. and Mrs. Mary H. Gamble, of Pasadena, the College has been provided with a spe-

cial endowment fund of fifty thousand dollars, the income of which is devoted to the purchase of books for the library, which at present contains twenty thousand volumes. Magazines, in file and current numbers, are also available. The advantages of the Los Angeles Public Library, containing over six hundred thousand volumes, are available to all members of the College.

JAMES SWAN HALL, at the west side of the quadrangle, is a dormitory for men, erected by Mrs. Frances B. Swan, of Pasadena, as a tribute to her husband. On the ground floor is a large club room, well-furnished with open fire-place and home-like appointments. Special features of the dormitory are the sleeping balconies on the top floor and the shower baths throughout the building. Of strictly fireproof, modern construction, the Hall provides comfortable living quarters for men students at a reasonable cost.

THE COMMONS, located at the north of the quadrangle, furnishes accommodations adequate for the providing to the entire college of wholesome food at moderate cost.

THE WOMEN'S GYMNASIUM, north of Johnson Hall, was completed in 1922. It contains rooms for examination and clinic, offices for the administration of the department of Physical Education and Hygiene for Women, locker rooms, hot and cold baths, indoor and outdoor courts, modern apparatus, and other equipment required for training in physical education. The large indoor court provides ample space for mass drill or for assembly in an auditorium with capacity of five hundred.

PRESIDENT'S HOUSE, among the oaks at the north end of the campus, was completed in 1922.

THE GREEK THEATRE, about which preliminary planting has begun, was projected by the Class of 1923, which made the first subscription towards its building.

THE W. C. PATTERSON STADIUM AND ATHLETIC FIELD, named in honor of a friend of the College, for years one of its trustees, was erected by Mrs. Patterson. The concrete bleachers at either side of the athletic field, with the covered grandstand at the north end, have a combined seating capacity of seven thousand five hundred. In connection with these structures, dressing rooms, lockers, and shower baths are provided. The enclosed athletic field provides turf football field, baseball diamond, tracks, and other equipment and facilities ample for physical training and outdoor sports.

THE TENNIS COURTS are the gift of Mr. A. E. Bell, a member of the first graduating class of the College and of the Board of Trustees.

THE HEATING PLANT, centrally located, supplies steam heat in modern equipment for all the buildings.

AUTOMOBILE SHEDS, sufficient to house the machines of all who reach the campus by this means of transportation, are in readily accessible locations. Reservable on payment of nominal fees, they eliminate the menace and nuisance of traffic and parking within the limits of the College grounds.

ORGANIZATION OF CURRICULA

Occidental is distinctly a college of the Liberal Arts and Sciences. It offers instruction in the following curricula:

1—LIBERAL ARTS AND SCIENCES, leading to the degree of Bachelor of Arts.

2—GRADUATE COURSES in Liberal Arts and Sciences, leading to the degree of Master of Arts.

3—PROFESSIONAL COURSES, undergraduate and graduate, leading to the certification of teachers for all divisions of the elementary and secondary schools of the State of California.

4—PREPARATORY TECHNICAL AND PROFESSIONAL undergraduate courses, which are Pre-Engineering, Pre-Legal, Pre-Library, Pre-Medical, and a College-Hospital Course, all leading to the degree of Bachelor of Arts in Occidental College. Each course requires the completion of senior standing and of one year in an accepted institution for which the student prepared, except in the case of the College-Hospital Course, which leads to the degree and fulfillment of the requirements for registration under the State Nurses' Registration Act on completion of senior standing and two years in the Pasadena Hospital.

ADMISSION TO THE COLLEGE

Application forms for admission of candidates from other institutions, and recommendation blanks for applicants from preparatory schools, will be furnished by the Dean upon request. Since the admission of freshmen is limited, application may be made a year or more in advance of entrance. No application will be accepted and recorded until all the conditions regarding admission have been fully met. Failure to comply with the regulations may be regarded as withdrawal of the application. An applicant must be at least sixteen years of age at the time of entrance.

TUITION FEE DEPOSIT

Each application for admission must be accompanied by a deposit of twenty-five dollars on the tuition fee of the first semester before an applicant is placed on the accepted list. Fifteen dollars of this sum will be returned in case of withdrawal before September first. After that date no refund will be made.

LIMITED FRESHMAN ENROLLMENT

For the year 1923-24, only one hundred and fifty freshmen will be admitted—seventy-five men and seventy-five women. A limited number of candidates will be placed upon the accepted list in the order of their application. When this limited list is closed, all applicants will be received on a competitive basis, the Committee on Admission reserving the right to select those whose record and personality indicate them best qualified to profit by the opportunities which the College affords. Preference will also be given to those who signify their intention of continuing at Occidental through the entire four-year course.

ENTRANCE REQUIREMENTS

Admission to Occidental College without examination is granted to certified graduates of preparatory schools who meet the following requirements:

- 1—The school must be accredited by the College.

For the high schools of the State the accepted standard of accreditation is set by the State Board of Education, which by a resolution directs that "all public high school curricula in California

require for graduation after July 1, 1920, the following: English, 2 units; United States History and Civics, 1 unit; laboratory science, 1 unit; and all such curricula must be so organized as to include two majors of at least 3 units each—a major consisting of three years of study in one of the following groups: (1) English (in vocational courses 1 unit of citizenship may be included with 2 units of English to make one major); (2) mathematics, including mechanical drawing; (3) history and social sciences; (4) physical and biological sciences; (5) foreign languages—3 or more units in one language, or two units in each of two languages.”

For schools outside of California, the lists of standard accrediting boards and associations and of the different state universities will be consulted; or the equivalent of the California requirements will be determined by the faculty Committee on Admission.

2—The applicant must present a minimum of fifteen entrance units, all of recommended grade.

Each entrance unit represents preparatory work in an accredited school in one subject during a year of thirty-six to forty weeks, with daily recitations of not less than forty-five minutes each, or double this amount of time in the laboratory.

A subject personally recommended by the principal of the school will be accepted as of recommended grade.

3—The fifteen units offered for entrance must include:

English	2 units
A Foreign Language.....	2 units
United States History and Civics.....	1 unit
A Laboratory Science.....	1 unit
(Chosen from 3a, b, c, d, e, f of Admission Subjects.)	
Algebra	1 unit
Geometry	1 unit
Electives	7 units
(Not more than three from subjects 7, 8, 9, 10, 11, 12, 13 on the list of Admission Subjects.)	

For the year 1923-24 applicants who present fifteen recommended units, though deficient either in one of the two required in mathematics or in those in foreign language, may be accepted provisionally. Such deficiencies must be removed during the student's first year in college, the removal taking precedence over his college work. The College makes no provision of classes, however, in such work in mathematics. Language deficiencies may be met through college courses, for which additional fees will be charged.

4—Each applicant must be personally recommended by the principal of the school as fit to be admitted into the College by reason of his ability and scholarship, his seriousness of purpose, and his moral character.

This statement is included in the application blank furnished by the College, which must be filled out with the candidates's record and other desired information, and signed by the principal.

ADMISSION BY EXAMINATION

The following classes of applicants may qualify for entrance by examination :

1—A graduate of an accredited school with recommended credits in less than the required fifteen units may enter by passing satisfactory examinations in a sufficient number of credits to meet the requirements.

2—A graduate of a preparatory school not accredited, who is strongly recommended by the principal of his school, will be admitted upon passing satisfactory examinations in such subjects as will meet the entrance requirements of the College.

3—Any applicant may be admitted by passing satisfactory examinations in all subjects constituting a standard high school course necessary for entrance. The arrangement of subjects to be presented may be made with advice of the Dean. The subjects required will depend upon the applicant's maturity, previous training, and proposed course of study in the College.

Application for admission on less than fifteen units will not be considered.

Laboratory notebooks must be presented at the time of examination by applicants who take entrance examinations in science.

A statement, bearing the signature of some responsible person, that the candidate is morally and intellectually fit to be admitted to the College, must accompany each application for admission by examination.

TIME AND PLACE OF ENTRANCE EXAMINATIONS

Entrance examinations may be taken at the College at the opening of each semester, or at other times on application to the Dean. A fee of one dollar is charged for each examination in each subject.

Partial or complete certification by examination may be presented in official reports of successful examinations taken under the di-

rection of the College Entrance Examination Board, which holds its examinations usually in June in Los Angeles and in various localities throughout the United States. Requests for information regarding these examinations must be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y.; and application to take the same must be made on a form provided upon request by the Secretary of the Board. Requirements in the various subjects in which examinations are held may be had in Document 105 (Price twenty cents), issued by the Secretary of the Board.

ADMISSION SUBJECTS

A list of admission subjects, with the amount of matriculation credit allowed in each, is given below. For a description of these preparatory subjects reference should be made to the announcement of the College Entrance Examination Board mentioned above. Subjects for which equivalent courses are offered in the College are marked with the dagger. Descriptions of these may be found in the announcements of Courses of Instruction.

No.	Units	No.	Units
1a English, elem.....	2	5c ¹ French, elem., 1 yr. of 5c ³ ..	1
1b English, adv. I.....	1	†5c ² French, elem.....	2
1c English, adv. II.....	1	†5c ³ French, intermed.....	1
2a Algebra, elem.....	1	†5c ⁴ French, adv.....	1
2b ¹ Algebraic Theory, I.....	$\frac{1}{2}$	5d ¹ German, elem., 1 yr. of 5d ² ..	1
2b ² Algebraic Theory, II.....	$\frac{1}{2}$	†5d ² German, elem.....	2
2c Plane Geometry.....	1	†5d ³ German, intermed.....	1
2d Solid Geometry.....	$\frac{1}{2}$	†5d ⁴ German, adv.....	1
†2e Plane Trigonometry.....	$\frac{1}{2}$	5e ¹ Spanish, elem., 1 yr. of 5e ² ..	1
†2f Plane Analytic Geometry...	$\frac{1}{2}$	†5e ² Spanish, elem.....	1
3a Physics.....	1	†5e ³ Spanish, intermed.....	1
3b Chemistry.....	1	†5e ⁴ Spanish, adv.....	1
3c Physiology and Hygiene....	1	†6a. Freehand Drawing.....	1
3d Botany.....	1	†6b Geometrical Drawing.....	1
3e Zoology.....	1	7 Mechanic Arts.....	$\frac{1}{2}$ -3
3f Biology.....	1	8 Agriculture.....	$\frac{1}{2}$ -3
3g Physical Geography.....	1	9abc Home Economics.....	$\frac{1}{2}$ -3
3h Physical Science.....	1	10a Music, Sight Singing and Dictation.....	1
4a History and Gov. of the U. S.	1	10b Music, Elements of Composition.....	1
4b History, Ancient.....	1	10c Music, Instrumental and Vocal Technique.....	1
4c History, Med. and Mod....	1	10d Music, History of Modern European Music.....	1
4d History, English.....	1	11 Bookkeeping.....	1
†5a ¹ Greek, elem.....	1	12 Stenography and Typewriting.....	1-2
†5a ² Attic Prose.....	2	13 Military Science and Tactics	$\frac{1}{2}$
†5a ³ Attic Prose, adv.....	$\frac{1}{2}$		
†5a ⁴ Homer.....	$\frac{1}{2}$		
5b ¹ Latin, elem., 1st yr.....	1		
5b ² Latin, elem., 2d yr.....	2		
†5b ³ Latin, adv., 3d yr.....	1		
†5b ⁴ Latin, adv., 4th yr.....	1		

GENERAL REGULATIONS

REGISTRATION

On or before the appointed registration days of each semester, each student must obtain in person a certificate of registration at the office of the Dean. This certificate must show the study-list of courses for which the student proposes to enroll, approved by a faculty adviser or major professor and signed by the Dean. The certificate must also be signed by the Business Manager, showing that all college bills for the semester are met or arranged for at the time of registration.

Students previously matriculated who delay registration beyond the first Friday of the semester, will be charged a special fee of one dollar. Registration for full-time work will not be permitted later than three weeks after the beginning of instruction.

STUDY-LISTS

Each student at the time of registration must select with the signed approval of the official adviser the course of study which he intends to pursue. All work for which college credit is desired must appear on the study-list. No student will be admitted to any classes or exercises of the college except as authorized by the certificate of registration and the study-lists of the student. It is expected that a student's study-list shall include all required work appropriate to the year of his course.

Lower division and special students may be advised by any member of the Committee on Registration. Upper division students must consult their major departments. Any special student or student in the lower division may, however, select the department in which he is chiefly interested or intends to do major work, and seek advice from this proposed major department. Students are advised to follow this plan, in order that they may have proper advice regarding the prerequisites and the nature and affiliations of their major interests.

Students contemplating work for a teacher's certificate must consult the head of the School of Education on beginning the work of the upper division in order that requirements may be properly met.

AMOUNT OF WORK

The work of the College curriculum is measured in terms of "units." One unit is understood to represent one semester hour or one hour a week in the classroom throughout a semester, three hours ordinarily counting as one when devoted to laboratory or field work. Each unit of credit represents, for the average student, three hours of actual work each week throughout the semester; as one hour of recitation or lecture, and two of preparation or subsequent reading, or equivalent amount of work in the laboratory.

Twelve units of work per semester, exclusive of the required units in physical education, is the minimum and eighteen the maximum for which any student will be allowed to register for credit. During his first semester in the College, the maximum for any student, exclusive of required physical education, is seventeen units. Subsequently a student whose average scholarship in any semester falls below 3, or whose record shows an "incomplete," "condition," or "failure," will be limited to fifteen units or less in the following semester. In general it is advised that in the lower division a student's program should average sixteen units per semester, exclusive of required work in physical education, and in the upper division, fifteen units.

Permission to register for less than twelve units or for more than eighteen must be sought of the proper faculty committee on formal petition through the office of the Dean. These requests will be granted only on urgent reasons and sound bases. In general such petitions are discouraged by the Committee.

CHANGES IN STUDY-LISTS

During the first week of a semester a student may change his study-list by addition, substitution, or discontinuance of courses with the consent of his adviser and the Dean. Subsequent changes may be made only on petition to the proper committee through the office of the Dean. Such petitions must have the approval of the major department or the faculty adviser and the instructors concerned. Ordinarily a course cannot be discontinued after the first six weeks of the semester. A course discontinued in other than the regular manner will be recorded as a failure.

A fee of one dollar is charged for each change in a study-list after the first Friday of the semester, and a fee of two dollars for the discontinuance of a course after the close of the second week of the semester.

FAILURE TO FILE STUDY-LISTS

After the first Friday of the semester a fee of one dollar will be charged for late filing of a study-list with the Dean. Any student who fails to file his study-list is not properly enrolled and may be denied all credit for the semester's work.

ADVANCED STANDING

Students from other institutions of recognized collegiate rank and from well-established junior colleges will be admitted to such advanced standing as the faculty Committee on Classification may find just and equitable. Advanced standing will be granted only on the basis of official transcript of records showing in detail the work completed in other institutions and the basis upon which the applicant was matriculated, accompanied by a letter of honorable dismissal.

Early graduates of the State Normal Schools, who are also graduates of accredited high schools, may enter the College with a credit of thirty-two units and exemption from certain prescribed lower division work in physical education and hygiene. Forty-eight unadjusted units will be allowed when the applicant in one semester's work can complete the subject requirements for the junior certificate. Beginning with the 1921 graduating classes of California teachers' colleges, this advanced credit may be increased to sixty units for two years' work, or more for three years' work, whenever the courses completed in the teachers' college have been substantially the equivalent of the work of the College. Credentials of graduates of teachers' colleges of other states are similarly evaluated. Should such students become candidates for the California High School Teacher's Certificate, they may be exempted from an additional one-half year of residence work required beyond the bachelor's degree.

In exceptional cases, permission may be given by the proper faculty committee to receive credit on examination for work equivalent to regular college courses, though not completed in an institution of recognized collegiate rank. Such examinations will cover the work as given in the College. Formal application for such examinations, with satisfactory evidence of the work completed, must be presented to the Dean.

The amount of credit accepted on transcript will be limited for each semester to the amount allowed under the rules of Occidental College. In no case will advanced standing be granted beyond one hundred units. Applicants must in all cases meet the scholar-

ship requirements of the College, and must fulfill the entrance, junior certificate, and graduation requirements before they will be recommended for the degree.

Advanced standing granted either on transcript of credits or on examination is provisional during the first semester of residence.

Students already admitted to the College should consult the Dean or the major department before undertaking summer session work. Not more than six units from any one summer session of six weeks will be credited toward the degree, either in the case of regular students or of those transferring from other institutions.

EXCESS ENTRANCE CREDIT

A student presenting entrance subjects in excess of those required for admission may receive advanced standing for the same, provided they are college subjects and are of recommended grade. To receive such credit a student must, within two years after entering, either successfully continue the subject within the College, or pass a satisfactory examination on the work as given in the College. Not more than ten units of college credit will be thus accepted. The final acceptance of such work is dependent upon the student's general college record being of superior quality.

Preparatory subjects in which college credit may be acquired are as follows: 2e, 2f, 5a², 5a³, 5a⁴, 5b³, 5b⁴, 5c², 5c³, 5c⁴, 5d², 5d³, 5d⁴, 5e², 5e³, and 5e⁴. (See List of Admission Subjects.)

In general, three units of advanced college credit will be granted for each excess entrance unit representing elementary work in a subject, and four units for each entrance unit representing advanced work.

SPECIAL STUDENTS

Persons of maturity, giving evidence of unusual ability, whose preparation does not qualify them for regular entrance to the College, are sometimes admitted as special students, not candidates for the degree. As such, they are subject to the same regulations as properly matriculated students, though they are permitted to enroll only in such courses as they seem prepared to undertake. On withdrawing from the College they will be granted certificates showing the work completed. They may become candidates for the degree at any time by meeting all the entrance and college requirements.

A recent graduate of an accredited high school is not admitted as a special student. Such applicants must qualify for matriculation under the usual rules. On being regularly admitted, the student may, for sufficient reasons, be allowed to choose an elective or limited course of study; and upon special petition he may be excused from requirements in physical education and hygiene, provided he is not a candidate for the degree. He may subsequently become a candidate for the degree by meeting all the college requirements.

MATRICULATION DEFERRED

No student will be fully matriculated until he has successfully completed one semester at the College with a satisfactory record in scholarship. At the end of that time his record will be reviewed and his status determined in accordance with the rules governing scholarship.

DISCIPLINE

Students are admitted to the College only on recommendation as to their moral fitness, and the College expects all students to set and observe among themselves a proper standard of conduct, both within and without the College. Any student who violates the codes of common morality, honor, or good citizenship, or who refuses to abide by the regulations of the College, will be judged in the light of circumstances and given such penalty as the case may merit, ranging from admonition to expulsion. The College also reserves the right, without naming specific charges, to exclude from its privileges any student whose presence, in the judgment of the faculty and the administrative officers, has proved to be undesirable.

The Honor System in work and examinations has been voluntarily adopted by the students of Occidental, and a system of student self-government exercises certain functions within the student body. An Honor Court, composed of the President of the student body and six other upperclass students, undertakes with the cooperation of the College authorities to maintain the spirit of honor and the good name of the College. To this Court the President of the College may refer cases of student delinquency, especially those of dishonesty in work and examinations; or any student or instructor may bring such cases to the notice of the Court. The findings of the Court and its recommendations to the President of the College and the Committee on Rules and Discipline are ordinarily confirmed and voted as College judgments.

HEALTH SUPERVISION

The College exercises advisory supervision over the health of its students through its departments of Physical Education and the office of the College Physician, Charles B. Dirks, M.D., who will render services to the students free of charge under the following specifications:

1—Each student will be given a thorough medical examination at the beginning of each year, and upon request may receive a written statement of his physical condition.

2—Consultation and treatment of minor ailments and emergencies will be given on the College campus daily during regular office hours, from 8:15 to 9:30 a.m., excepting Saturday and Sunday. Members of the athletic teams will receive free treatment for minor ailments upon a schedule prearranged by the coach.

3—Four lectures for men and four for women on the subject of hygiene will be delivered each year, attendance upon which is required of all students in the College.

4—Service rendered outside of that specified above will be charged for at a liberal discount, and the account will be settled through the physician's college office.

Under the departments of Physician Education will be found statements of the work in these departments.

SCHOLASTIC REGULATIONS

EXAMINATIONS

Examinations are held regularly at the close of each semester and the standing of students for the entire course reported to the Dean. Mid-semester examinations may also be required as a partial basis for mid-semester reports. Failure to take or to pass any regular, mid-semester, or other course examination will result in such deficiencies and disqualifications as instructors may impose. These can be removed by special examination only, for which a fee of one dollar is charged. A like fee is charged for any similar special examination which any deficiency of a student's course may necessitate.

SCHOLARSHIP GRADES

Results of examinations, semester reports, and the general average of the scholastic standing of a student in his entire course are indicated by the following system of grades:

PASSING: 1, excellent; 2, good; 3, fair; 4, barely passing.

NOT PASSING: Incomplete (Inc.), indicating that while the work done is of passing grade, yet portions remain unfinished due to illness or similar unavoidable causes, not the fault of the student. This mark is not given when work has been neglected. It may be removed in such manner as the instructor may determine.

Condition (Con.), indicating that work is not of passing grade. It may be removed by an examination covering the work involved.

Failure (F.), to be removed by repetition of the course.

An "incomplete" or a "condition" becomes a "failure" if not removed within one year of the date on which it was incurred.

DISTRIBUTION OF GRADES

In the general practice of the members of the faculty, the distribution of grades depends upon the size, quality, and advancement in the curriculum of the classes, and admits of flexibility. It is normally considered that 1 is applicable to five to fifteen per cent, 2 and 3 to thirty-five to fifty per cent each, and 4 to five to fifteen per cent of students of passing grade.

AVERAGE GRADE

The average grade maintained by each student in each semester, and for his entire course, becomes a part of his permanent record.

In determining the average grade of a student's work, the number of units of credit in each course is multiplied by the grade for that course, and the sum of the products thus obtained is divided by the total number of units. In thus estimating, a "condition," "incomplete," or "failure" is counted as five.

SCHOLARSHIP REQUIREMENTS

Mid-semester reports on the work of students are required of all instructors, and students are notified of their standing. Final semester reports are sent to all students. Parents or guardians will be notified when a student's scholarship is seriously delinquent.

A minimum average grade of 3 is required in the work of the lower division before a student can be granted the junior certificate, and in the upper division, as well as in his entire course, before he can be graduated.

Any student may be excluded from an upper division course who in the judgment of the instructor has failed to do satisfactory work in the lower division courses in the same department.

Any student whose average scholarship in any semester is below grade 3 is placed on probation and he must limit his program of studies to fifteen units or less in a following semester. If he then fails to attain an average of grade 3, he may be disqualified from further attendance at the College. Any student who in any semester fails to pass in ten units of work, is similarly disqualified.

All first disqualifications are for one semester, during which time a student's record will not be transferred with honorable dismissal. A second disqualification is permanent. All disqualifications become a part of a student's permanent record.

When extenuating circumstances such as prolonged illness account for a student's disqualification, he may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester, and longer if his average grade during such time is not below 3.

The rules regarding scholastic standing in a major subject are stated under the regulations governing majors and minors.

ATTENDANCE, LEAVE OF ABSENCE, HONORABLE DISMISSAL

The College requires regular attendance of all students at the Chapel services and College Assemblies and at all classes for which they are registered. A copy of the rules governing attendance may be obtained from the Dean. These rules allow for a limited number of absences, but do not relieve the student from completing any of the work of the courses. In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing his work without such formal leave, may lose his privileges of registration and forfeit his right to a clear transcript of credits. A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

On petition to the proper committee, honorable dismissal, while in good standing, with rights of transcript of credit, will be granted a student who voluntarily is severing his connection with the College. For such withdrawal, a student under twenty-one years of age must present a letter of explanation from parent, guardian, or physician.

TRANSCRIPT OF CREDIT

A graduate of the College or a student in good standing, or one who was in good standing at the time of his withdrawal from the College, may receive an official transcript of credit and accompanying letter of honorable dismissal upon request and the payment of a fee of one dollar.

CLASSIFICATION OF STUDENTS

The class in which a student is to be ranked is determined at the beginning of the college year on the basis of the following scale of credits:

FRESHMAN: Fifteen entrance units, all of recommended grade, which fully meet the entrance requirements.

SOPHOMORE: Thirty units of college credit; but sophomore standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to complete the lower division by the end of the year.

JUNIOR: Sixty-four units of college credit and the completion of all other requirements for the junior certificate.

SENIOR: Ninety-four units of college credit in lower and upper division courses; but senior standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to be graduated at the end of the year.

HONORS

GENERAL

On Commencement Day honors in scholarship are awarded to those students whose records qualify them for such distinction. **FIRST HONORS** are awarded on the basis of a minimum average grade of 1.3; **SECOND HONORS** on a minimum average grade of 1.6. Both apply to the work of any year or to the entire course of any student.

CLASS HONORS are awarded to each member of any of the four classes, or to any graduate student, whose record for the year meets the requirements. For eligibility to Class Honors a student must maintain a record which shows at the end of the year: (1) no failures or unremoved incompletes or conditions; (2) at least twenty-four units of college credit earned during the year; (3) acquisition of rank in the next class.

FINAL HONORS are awarded to each member of the graduating class who has won Class Honors each of the four years of his course, or whose average for the four years equals the average required for Class Honors. A student from another institution, entering Occidental not later than the beginning of the junior year, will be eligible to Final Honors, provided in the judgment of the Committee on Classification his record for the preceding part of his course equals the qualifying standard. A graduate student who is a candidate for the degree of Master of Arts is eligible to Final Honors provided his undergraduate record is of qualifying standard.

DEPARTMENT HONORS may be awarded to any member of a graduating class who has maintained an average of 1.3 in twenty-four units of upper division work, either in the major department alone or in the major and minor departments combined. The heads of departments concerned have the privilege of naming the courses to be pursued, and of requiring such additional work as desired. Eligibility for Department Honors is based on a general average not lower than 2.5 in the work of the candidate's entire

college course. The head of a department in which honors are sought must be notified not later than the beginning of the second semester of the candidate's junior year.

THE HONOR SOCIETY

The Honor Society, founded by members of Phi Beta Kappa, each year elects to membership senior students of high standing on a basis similar to that of the national organization. Graduate students are also eligible to membership.

VALEDICTORY AND SALUTATORY

The rank of Valedictorian is awarded to that member of each graduating class who stands highest in scholarship average for the entire course.

The rank of Salutatorian is awarded to that member of each graduating class who stands second in scholarship average for the entire course.

Students from other institutions entering Occidental later than the beginning of the junior year are not eligible to these honors.

In addition to the Valedictorian and Salutatorian, each graduating class elects two other commencement speakers, usually from those students who have attained or most nearly attained Final Honors.

FEES, EXPENSES AND AIDS TO STUDENTS

COLLEGE BILLS

The tuition and fees of the following schedules are required of all students granted admission to the College. The Board of Trustees of the College reserves the right to change, without notice, any of the rates herein printed.

GENERAL

Tuition, each semester.....	\$100.00
Student Activities, each semester.....	5.00
Graduation Fee, Bachelor of Arts.....	5.00
Graduation Fee, Master of Arts.....	10.00
Graduation Fee, Pre-technical Courses.....	50.00

LABORATORY AND COURSE FEES

Students enrolled in laboratory courses are charged a laboratory fee of two dollars per unit of credit, except in the department of Chemistry, in which the fee is five dollars per unit.

A breakage deposit of \$5.00 is required for each laboratory course in Chemistry for which a student is registered. The balance remaining at the end of the course will be returned.

In the department of Physical Education for Women, a fee of two dollars per course is required for enrollment in any of the courses numbered from 1 to 8.

SPECIAL

Late or changed registration.....	\$1.00
Late filing of study-list.....	1.00
Discontinuing a course after second week.....	2.00
Examination at irregular time.....	1.00
Duplicate transcript of record.....	1.00

REGULATIONS

All college bills are payable in advance. Those of the first semester must be paid or satisfactorily arranged for by November 15th, and those of the second semester by March 15th. Students who fail to meet these conditions will not be admitted to classes after these

dates. Before a student may register for a new semester all his bills for the preceding semester must be paid.

No student will be granted a diploma, or transcript of record to be used in transferring to another institution, until all his college bills have been paid in full.

No payments will be refunded for students who are dismissed or suspended or who leave college for any reason other than illness necessitating absence for more than half a semester. Refund will not be made for more than half such period of absence.

AVERAGE EXPENSES

For information concerning the College dormitories, see page 99, the Commons, page 100, College Bills, page 37. Lodgings may be had in the immediate vicinity of the College at prices ranging from four dollars a week upwards. A list of approved boarding and rooming places may be obtained at the offices of the Dean and the Dean of Women.

A report issued by the American Association of University Women on expenses of students in over one hundred colleges shows those for Occidental to be at the median of about six hundred and fifty dollars per year. This sum fairly represents for all students an estimate of average expenses.

STUDENT AIDS

SELF-SUPPORT

To assist and encourage both men and women students who must earn a part of their expenses while in college, organizations are maintained which undertake to discover and list opportunities of remunerative employment. Men students desiring employment should register with the Self-Help Committee of the Y. M. C. A.; women students should apply for information and advice at the office of the Dean of Women.

No responsibility can be assumed for supplying work, but plans can often be suggested through which students of initiative and industry may earn part of their expenses while in college. Only in rare instances can students be entirely self-supporting; nor should a student undertake to earn a larger part of his expenses than is absolutely necessary. A first-year student in particular will need time to adjust himself to college work, to systematize his time, and to discover opportunities of readiest casual work or to find regu-

lar employment which will not seriously interfere with his main object of securing an education. When the student has become oriented in his surroundings and his college work, he may, with due diligence, devote twelve to twenty-four hours per week to outside work and still carry a program of from twelve to fifteen units of studies. It should be borne in mind, however, that these in themselves involve thirty-six to forty-five hours per week.

A student who wishes to earn part of his expenses will do well, therefore, to enroll for a program rather lighter than the average; he should attempt to find employment prior to the opening of college; or failing in this, should enter with a reserve fund sufficient to carry him through the first months. Due to the proximity of the campus to the city, opportunities for employment will not be lacking. Moreover, the schedule of classes often enables a student to order his time advantageously to outside work; for he may arrange his program of studies so that his afternoons are comparatively free, or that one or two days of the school week may be given over entirely to employment.

Self-supporting students are respected. Not a few of Occidental's graduates, including some of her most creditable representatives, earned a major part of their expenses while in college. Self-maintaining students, whose scholarship standing is high, are given preference in awarding scholarships; and statistics in general would show that students of initiative and industry in self-support hold scholarship records well above the average.

SCHOLARSHIPS

Scholarships are intended as aids to students of high merit, as proved by previous attainments, who are chiefly dependent upon their own efforts in securing a college education.

A limited number of College scholarships are annually available to advanced students of highest standing in their major subjects, who act as readers or assistants, or in other capacities which are of distinct educational advantage in their major departments. These scholarships range in value from one-half to full tuition. They are usually awarded on nomination from the department concerned. Students may make application for these scholarships to heads of departments or to the Dean.

Additional scholarships are awarded for the relief of deserving students who are unable to pay tuition. The beneficiary is, in some instances, named by the donor; otherwise by the Administration.

A candidate for one of these scholarships must meet the following conditions:

1—Endorsement of application by some person of recognized standing in his home community.

2—Agreement to the understanding that he intends to complete his course at Occidental College.

3—Maintenance of creditable standing in his scholarship and in the College, with general demonstration that the assistance has been worthily bestowed.

4—Economy in personal expenses, and abstinence from tobacco.

THE PRIDHAM SCHOLARSHIPS. Mr. R. W. Pridham, of South Pasadena, as a memorial of his deceased wife, has placed at the disposal of the Trustees a fund of twenty-five thousand dollars, the income from which is to provide scholarships for worthy students of limited means.

THE PEARL TIFFIN MEMORIAL. This fund of thirty thousand dollars was given by Dr. W. W. Tiffin and wife in memory of their daughter. Subject to an annuity during the life of either of the donors, the income is to provide scholarships for young men and young women, preferably the latter, who are preparing to enter the medical profession. The income from this fund is not available at the present time.

THE THEODORE C. KOETHEN SCHOLARSHIP, of the First Presbyterian Church of Eagle Rock, California, was founded in honor of a Gold Star man of Occidental College of the class of 1919. It is open to young men planning their life work for the foreign mission field, and also to the sons of foreign missionaries. Applications should be made in writing to the Clerk of Session of the First Presbyterian Church of Eagle Rock.

THE OCCIDENTAL WOMEN'S CLUB SCHOLARSHIP is awarded each year to some young woman selected on the basis of merit.

THE HORACE CLELAND SCHOLARSHIP, established by the Alumni Association, is awarded, for the junior year only, to that member of each class who seems best entitled to it on the general basis of need and merit.

THE RHODES SCHOLARSHIPS. Attention is called to the Cecil Rhodes Scholarships, yielding a value of three hundred pounds for three successive years, tenable at any college in Oxford University, without restriction as to subjects pursued. Two such scholar-

ships are regularly assigned to each state and territory in the United States. The qualifying examinations heretofore required of all candidates have been abandoned, and it is only necessary for a candidate to make formal application, endorsed by the institution from which he comes. Candidates must be unmarried, citizens of the United States, between the ages of nineteen and twenty-five, and must have reached the end of the sophomore year. Selection is made on the basis of the candidate's record in school and college, with regard to the following points: (1) literary and scholastic attainments, (2) interest and success in sports, (3) character, (4) instincts for leadership and interest in fellowmen.

Occidental has twice been represented at Oxford through these fellowships.

THE YALE CLUB OF SOUTHERN CALIFORNIA annually awards a graduate scholarship in Yale University which may be won by a graduate of any college of southern California. The award is made on the basis of the applicant's need for financial assistance in order to be able to pursue study at Yale, his college record as a student and leader, and his strength of character. The scholarship is in the form of a loan of five hundred dollars, payable within five years after the student leaves Yale, and bearing four per cent interest from that time. No security for the payment of the note is asked other than the man's character. Applications should be addressed to the Secretary of the Scholarship Fund of the Yale Club of Southern California, University Club, Los Angeles.

PRIZES

PHI BETA KAPPA PRIZE. To stimulate a deeper interest in scholarship, the Phi Beta Kappa Alumni Association of Southern California offered for the year 1922-23 a prize of fifty dollars, awarded in books, for the best essay on the general topic of "Scholarship" written by a sophomore, junior, or senior in any of the standard colleges of southern California. Information regarding future contests may be obtained from the Dean.

The prize was won in 1922-23 by Isabel Corbett, of the Class of 1924, of Occidental College; and Donald C. Williams, of the Class of 1923, received honorable mention.

POLITICAL SCIENCE PRIZE ESSAY. A prize of twenty-five dollars is offered to students in the department of Political Science for the best essay on a subject announced at the beginning of each year.

The subject for 1922-23 is "The Place of Political Science in a Liberal College Education." The prize is given by a former student in the department.

RELIGIOUS EDUCATION PRIZES. Prizes of twenty-five, fifteen, and ten dollars are given by a friend of the College to the three students who in the judgment of the department of Religious Education have done the best work during the year in the courses of the department.

BACHELOR OF ARTS DEGREE

The undergraduate course in the liberal arts and sciences leads to the degree of Bachelor of Arts. Upon completion of the course the degree is conferred upon the student by the Board of Trustees upon recommendation of the faculty. The faculty may recommend a student for the degree whenever the requirements have been met, and when so recommended at a time other than the regular commencement, the student is assigned to the class of the calendar year in which the recommendation is made.

REQUIREMENTS FOR THE DEGREE

The recommendation of the faculty for the conferring of the degree is contingent upon the satisfaction of the following requirements:

1—The completion of one hundred and twenty-four units of college credit. This credit must be based on full satisfaction of all entrance requirements, and must be distributed in proper manner over the work of the lower division, including all requirements for the junior certificate, and that of the upper division, including all requirements for the major and minor and for graduation. The requirements of the lower division and of the upper division are stated hereafter in detail. Exception is made in the case of students in the pre-professional and pre-technical courses who wish to enter a professional school at the end of the junior year. Rules governing this exception are stated under these courses of study.

Candidates for the degree and a state teacher's certificate must complete the work required in practice teaching in addition to the one hundred and twenty-four units.

The election of work in any one department is limited to forty units of the one hundred and twenty-four required for graduation.

2—The attainment of an average grade of 3 for the entire course. Advanced credit from other institutions must meet this requirement, though it will not be accepted as more than grade 3 in estimating the general average grade. The candidate must maintain an otherwise honorable record, which must be free from all conditions at least six weeks before graduation.

3—The establishment of at least one year of residence, the final one of the course, with a minimum credit of twenty-four units of resident work, distributed as provided under the requirements of the upper division.

THE LOWER DIVISION

The lower division consists of the work of the freshman and sophomore years, so arranged as to correlate in flexible manner with the student's high school course, to acquaint him with fundamental aspects of several fields of knowledge, and to prepare a broad foundation for the more intensive work of the upper division.

The junior certificate marks the completion of the lower division. It signifies that with few exceptions all prescribed subjects not directly related to the advanced work in the major and minor have been completed either in the high school course or in the lower division.

For the junior certificate, sixty-four units of college work are required, based on full satisfaction of all entrance requirements. All candidates for the degree must have qualified for the junior certificate before proceeding to the work of the upper division.

The specific requirements for the junior certificate are indicated below. Some of these may have been met in part or in whole in the high school, though the fulfillment of any of these requirements in the high school does not diminish the number of units required after admission to the College for qualification either for the junior certificate or for graduation.

The requirements are as follows:

- | | |
|---|------------|
| 1—Physical Education | 2 units |
| One-half unit each semester. | |
| 2—Religious Education | 4 units |
| A two-unit course to be elected one semester of each year spent in the lower division. | |
| 3—Foreign Language | 15 units |
| In not more than two languages. Each year taken in high school counts for three units. | |
| 4—Natural Science | 12 units |
| Chemistry and Physics taken in high school count for half the requirement. Either subject alone counts for three units. Any course taken in college in fulfillment of this requirement must include at least one unit of laboratory work for each semester in the subject. | |
| 5—English | } 21 units |
| 6—History, Economics, Political Science | |
| 7—Foreign Languages, Mathematics, Philosophy | |
| Nine units in one subject and six in each of two others. The three subjects must be English and one from each of the groups numbered 6 and 7. If foreign language or mathematics be one of the subjects chosen, the requirement may be partly or wholly met in the high school, provided the language be Latin, each year counting as three units; and provided the mathematics be plane trigonometry (2e) or plane analytic geometry (2f), each counting as two units. If foreign language be chosen, the credit must be in addition to that demanded under section 3. | |

In accordance with the scholastic requirements, a minimum average grade of 3 is necessary for advancement from the lower division.

ADVICE REGARDING LOWER DIVISION WORK

While a student is meeting the specific subject requirements of the lower division, he may enter upon the work of other departments which he wishes to include in his college course; or he is entitled, though a lower division student, to proceed to such upper division courses as he may properly elect, all prerequisites as set by the departments having been satisfied. These courses constitute a part of his lower division program. However, until all requirements for the junior certificate have been met, upper division standing cannot be attained; and units accumulated by students of lower division standing beyond seventy in number, either in lower division or in upper division courses, cannot be counted as part of the one hundred and twenty-four required for graduation. In the case of students transferring from other institutions, sufficient adjustment of this regulation may be granted on petition to the Dean to permit of advantageous pursuit of studies.

As early in the lower division as possible, every student should determine the major and minor he later wishes to pursue, in order that their prerequisites may be included in his program of lower division courses. When a major subject has been chosen, the head of this department becomes the student's faculty adviser.

It should be noted that while in the lower division a student should not elect more units in his proposed major subject than are permitted under the regulation which forbids more than forty of the one hundred and twenty-four units required for graduation in any one department; for in general from eighteen to twenty-four units must be completed in a major subject after the student enters the upper division.

THE UPPER DIVISION

The upper division covers the work of the junior and senior years, normally amounting to sixty units. Except in the case of students transferring from other institutions, or those registered in certain three-year pre-technical and pre-professional courses, a candidate for the degree is not registered in the upper division until he has been awarded the junior certificate.

The requirements of the upper division are as follows:

1—The completion of a minimum of fifty-four units of college credit after the student has entered the upper division, with additional credit sufficient to raise the total number of units completed in the lower and upper divisions to one hundred and twenty-four.

2—The inclusion of four units of Religious Education in the work of the upper division; viz., an elective two-unit course one semester of each year spent in the upper division.

3—The completion of a minimum of thirty-six units of upper division courses after the student enters the upper division, not less than twenty-four of which are devoted to a major in one subject and a minor in a related subject, eighteen units being the minimum for a major and six the minimum for a minor.

4—The attainment of an average grade of 3 in the work of the upper division as a whole. A student of the upper division, registered in a lower division course, may be required at the option of the instructor to complete additional work in the course.

MAJOR AND MINOR SUBJECTS

On entering the work of the upper division, following the receipt of the junior certificate, each student must have selected some one department in which he proposes to do his major work. From the time of such selection the advice of this department must be sought in planning the work of his program, including the choice of a minor, and his schedule must have the department's approval before he can register. The minor department advises regarding the specific work of the minor subject.

Complete information regarding major and minor requirements may be found in the announcements of the several departments, especially as regards the number of units required or recommended in each, and prerequisite and prescribed courses.

The following general regulations relate to the administration of all departments, under the supervision of the Dean:

1—No department may require for any of its recommendations more than twenty-four units of upper division work in the major subject nor more than ten units in the minor. A student will be graduated upon completion of the minimum requirements of eighteen and six units in major and minor subjects respectively.

2—Major departments shall be held responsible for the enforcement of the regulation providing that not more than forty units of the one hundred and twenty-four required for graduation may be elected by the student and counted in any one department, whether the major or not.

3—A student transferring from another institution, who is granted senior standing, must complete eighteen of twenty-four units re-

quired in residence in the upper division, twelve of which must be in a major subject. Transfers of less than senior standing will be required to meet substantially all the regular requirements.

4—It is advised that students continue the work of the major department throughout the four semesters of the upper division. It is required that regular major courses be completed in each of three semesters, including the last two.

5—Each department may set its standards of scholarship requirements for majoring and minoring in the department somewhat higher than those required for graduation, provided the average grade required does not exceed 2.5. In general students who fail to attain an average grade of 3 in the work of the lower division of any department will not be accepted by that department as majors or minors. The recommendation of the major department is necessary for graduation. Each department shall report delinquent scholarship of its major students to the Dean at the close of each semester.

6—A change in the choice of a major, after the student has entered the upper division, may be made only on permission of the Dean and the consent of both the departments concerned. A change in a minor may be made on consent of the major department and the Dean. A student changing major or minor departments must meet all the requirements of the new department.

7—A change of major necessitated on account of a departmental disqualification in scholarship in the major subject may result in the student being placed on probation by the proper faculty committee; and a student so disqualified a second time may be disqualified by the College.

8—All departments in which any student is preparing a major for a teacher's credential require that the student consult the School of Education at the beginning of such work.

THE GRADUATE SCHOOL

ORGANIZATION

The Graduate School of Occidental College was organized for the purpose of offering advanced courses of study in various branches of liberal arts and sciences. The work of the School is under the general direction of the Graduate Committee, which determines and administers the requirements and regulations of the School, including the graduate courses of instruction in the several departments, regulations for admission, requirements for graduate honors and degrees, the passing upon credentials of applicants for admission, and the receiving and judging of department recommendations regarding candidates and the nominating of the same for honors and degrees.

ADMISSION AND REGISTRATION

Graduates of colleges and universities of good standing are eligible for admission to the Graduate School in candidacy for the advanced degree in departments of study for which they are qualified by their previous work, or as special students, not candidates for a degree or honors. In exceptional cases, other persons of maturity and sufficient attainments may be admitted to graduate courses. An undergraduate of Occidental College, who lacks but twenty-four units or less of graduation, may be admitted to the Graduate School on recommendation of the head of his major department, subject to the approval of the Graduate Committee; provided that the schedule of such student does not exceed fifteen units, not more than twelve of which are undergraduate. Graduate courses so carried may subsequently be credited as graduate work.

Every student, upon entrance to the Graduate School, is required to register at the office of the Dean of the College, and must present, if candidate for a degree, an official transcript of his college record. The student shall then consult with the head of the department in which he proposes to do his major work. His schedule must have this department's approval before he can complete his registration.

Every graduate student is admitted subject to such general regulations of the College as are not altered by those of the Graduate School.

FEES AND EXPENSES

The tuition fee is one hundred dollars each semester for regular work. A pro rata tuition is charged for partial work of less than ten units. The tuition of a student not in residence, who is completing his thesis, is twenty-five dollars for the semester in which the thesis is presented. A graduation fee of ten dollars is payable thirty days before graduation. Statements of laboratory fees may be found under the announcements of departments in which such fees are required. A discount of ten per cent is allowed on tuition to teachers in active work.

MASTER OF ARTS DEGREE

The Degree of Master of Arts is conferred upon students who have received a Bachelor's degree for a four-year undergraduate course from an institution of recognized standing, who satisfactorily meet the following conditions:

1. Approval by the major department of an undergraduate course in studies preliminary to those the student intends to pursue in the Graduate School. Additional undergraduate courses may be required by the department concerned in case the student's undergraduate work does not form sufficient unified basis for graduate work.

2. The completion of one year of graduate study in residence at Occidental College. Resident graduate work at an approved institution may be accepted as part of this requirement in so far as units are concerned, provided the character and quality of the work are satisfactory. In such case, the minimum requirement for a year of resident study shall consist of not less than four graduate units per semester.

3. The completion of a program of courses of instruction of advanced grade approved by the head of the department in which the major work is chosen. This program must include at a minimum twenty-four, and at a maximum twenty-eight units, inclusive of the thesis, which shall not be credited for more than four units. In case the student must complete additional undergraduate work, the Graduate Committee may permit a program of not to exceed fifteen units per semester. A minimum of one half of a student's graduate work must be completed in a single department. The remainder may be chosen, with the approval of the major department, in one or more minor departments so as to form a consistent plan of study. The work in any department may be partly or wholly

made up of research or special study carried on in residence under the direction or with the criticism and approval of the department.

4. A reading knowledge of at least one foreign language is required before a student will be accepted as candidate for the degree. Any department may require a specific language or languages. A reading knowledge of Greek, Latin, French, German, or in some cases Spanish will ordinarily meet this requirement. Evidence of sufficient attainment in languages must be attested by the major department and filed with the Dean before the opening of the second semester.

5. A thesis is required of each candidate for the degree on some subject approved by the major department, under whose direction the work is done. The subject of the thesis must be announced to the Graduate Committee by the opening of the second semester of the year in which the candidate expects to take the degree. The department concerned must approve the subject matter and extent of the thesis, and must recommend it in its final form to the Graduate Committee at least four weeks before commencement. If accepted by the Committee, two typewritten copies in a standard prescribed form must be deposited with the College Librarian two weeks before commencement together with a small fee to cover costs of binding.

6. Under each department of study will be found a statement of any specific requirements for the degree in that department. No student may continue to major in a subject who does not meet with the approval of the department.

HIGH SCHOOL TEACHER'S CERTIFICATE

Graduate students who are candidates for the recommendation of the College for the California High School Teacher's Certificate are registered in both the Graduate School and the School of Education. Certain work of the two Schools will coincide. The specific requirements for the credential are to be found under the statement of the School of Education.

SCHOLARSHIPS

A limited number of scholarships yielding from one hundred to two hundred dollars per year are open to regular graduate students of high merit in various departments of study. These scholarships are intended primarily for those who expect to teach. A student receiving a scholarship may have its equivalent remitted from his

tuition fee for service rendered in the department in which he is doing his major work. Application for appointment to graduate scholarships should be made to heads of departments or to the Dean of the College.

DEPARTMENTS OF STUDY

At the present time the College offers graduate instruction in courses containing a minor in the following departments: Botany, Chemistry, Economics, Education, English, French, Greek, History, Mathematics, Political Science, Philosophy, Physical Education, Physics, Spanish, and Zoology.

Major work for the degree of Master of Arts may be pursued in Economics, English, History, French, and Political Science.

THE SCHOOL OF EDUCATION

ORGANIZATION

The School of Education was established for the purpose of providing professional courses for students preparing to teach in the public schools of California and of neighboring states. It has been empowered by the State Board of Education to recommend properly qualified candidates for the following certificates: (1) the Elementary School Certificate, (2) the Junior High School Certificate, and (3) the High School Certificate, in addition to (4) the Special High School Certificate in Physical Education.

Arrangements have been made with neighboring public schools whereby excellent opportunities for practice teaching are provided.

ADMISSION AND REGISTRATION

Students with junior standing may be admitted to the School of Education as candidates for one or more of the certificates mentioned above. Each candidate, however, before registering at the beginning of his junior year, must report to the office of the Professor of Education for advice as to professional courses. He must present at the same time a tentative program of studies, prepared under the supervision of the head of the department in which he is taking his major work.

Graduates from institutions of recognized standing may be admitted as candidates for the General High School Credential providing they meet the requirements of the School of Education.

Graduates of normal schools and teachers of at least seventeen months experience who become candidates for the High School Credential are allowed certain exemptions by the State Board.

REQUIREMENTS FOR CERTIFICATION

Recommendations for the various certificates will be made in behalf of candidates as follows:

1. For Elementary Certificate:

Graduates of Occidental College who have completed fifteen units in the Department of Education, including Education 112 (two units), 114 (two units), 122 (one unit), 130 (two units), 136 (four units), and four units of electives.

2. For Junior High School Certificate:

Graduates of Occidental College who have completed eighteen or more units in the department of Education, including Education

114 (two units), 119 (two units), 122 (one unit), 130 (two units), 136 (four units), a teacher's course in one of the subjects in which recommendation is sought, and electives (five units).

3. For High School Certificate:

Graduates of Occidental College, or of other institutions of recognized standing, whose undergraduate work has included properly selected majors and minors and who have completed (1) one year of graduate work (twenty-four units) which must include a minimum of one full year course of advanced work in at least one subject in which they are preparing to teach and (2) twenty-one units in Education, including the following courses or their equivalents: Education 114 (two units), 119 (two units), 122 (one unit), 130 (two units), 206 (four units), a teacher's course in one of the subjects in which recommendation is sought, and electives (eight units).

4. For Special Credentials in Physical Education:

See Department of Physical Education.

For information in connection with exemptions for normal school graduates and teachers who have had at least seventeen months experience, see State Board, Bulletins No. 10 G. H. and No. 10 J. H.

All candidates for the High School Certificate must have completed at least one major (minimum of thirty units) and at least one minor (minimum of twelve units) in subjects taught in high schools.

APPOINTMENT BUREAU

An Appointment Bureau has been established in connection with the School of Education to aid teachers in securing employment. Records of the students who have registered with the Bureau will be kept on file in the Office of the School of Education and copies of these records will be forwarded to school officials upon request.

A registration fee of two dollars is charged.

COURSES FOR TEACHERS

Under the direction of the School of Education, certain of the regular courses of the various departments are offered primarily to the teachers and other advanced students of Los Angeles and vicinity. These courses are upper division and graduate work, credited toward the certificates and the degrees. Under favorable circumstances, where demand and facilities warrant, they may be held at such times and places as are most convenient for those enrolled.

PRE-TECHNICAL AND PRE-PROFESSIONAL COURSES

GENERAL REQUIREMENTS

The College offers three-year pre-technical and pre-professional undergraduate courses arranged to meet the needs of those students who expect to pursue professional or technical study following work in the liberal arts and sciences, but who find it desirable to accomplish both in a minimum of time.

Any student who satisfactorily completes one of these three-year courses and one year (or two in the case of the College-Hospital Course) in the professional or technical institution for which it prepares, will be granted the degree of Bachelor of Arts by Occidental College, subject to the following conditions:

1—Each course requires for its completion senior standing in Occidental College with ninety-four units of college credit, eighteen of which must be in upper division courses, taken in the upper division. Upper division standing in the case of each of these curricula is attained by meeting the lower division requirements of each and such portions of the regular lower division requirements of the College as election within the course may permit. Election of studies is subject to the approval of the proper major department. The junior certificate will be granted only when the student has met all the regular lower division requirements.

2—The institution in which the student takes his professional or technical work must be one of those designated in the course, or of recognized standing approved by the Occidental faculty. A college of medicine to be approved must be of grade "A" on the rating of the American Medical Association, and schools of other professions must be of the same high order.

3—Full payment of all college bills due at the end of the junior year and a graduation fee of fifty dollars will be required in every case.

PRE-ENGINEERING COURSE

The Pre-Engineering course is arranged primarily for those who wish to continue their work after the junior year at the California Institute of Technology. At the close of one year of successful work in that institution, the degree of Bachelor of Arts will be

granted by Occidental College. At the close of a second successful year, the California Institute of Technology will confer the degree of Bachelor of Science.

The following course of study in Occidental College presumes the completion of courses in chemistry and geometric drawing in the high school.

FRESHMAN YEAR: Mathematics 3 and 4; Chemistry 1-2 and 3L-4L; Technical Drawing 3-4; Mathematics 1 and 2, unless trigonometry and solid geometry have been taken in the high school.

SOPHOMORE YEAR: Physics 1-2 and 1L-2L; Mathematics 121 and 122; Technical Drawing 15-16.

JUNIOR YEAR: Physics 5-6, 5L-6L, and 123-124; Mathematics 6 and 7; Chemistry 5L-6L.

Students seeking engineering degrees in chemistry or chemical engineering are also required to complete Chemistry 7-8 and 7L-8L.

Students contemplating a technical course in an institution other than the one designated above, will follow substantially the same course of study or such as the major department may advise.

Major department: Physics.

PRE-LEGAL COURSE

Depending upon the institution to which the student wishes subsequently to seek admission, the Pre-Legal course qualifies in general for the degree of Juris Doctor on completion of the requirements of the school of law.

The work of the course may well include, in addition to the regular lower division requirements of the College, History 1-2 or History 3-4, Economics 1-2, Political Science 1-2, English 11-12 (Public Speaking), and Philosophy 3 (Logic); and such subsequent upper division courses in political science, economics, and history as are advised. The student should complete the requirements for the junior certificate in regular course of procedure.

Major department: Political Science, Economics, or History.

PRE-LIBRARY COURSE

The Pre-Library curriculum is intended to lead to the nine-month course of instruction in library science which the Los Angeles Public Library offers in its Library School, conducted since 1891 and accredited by the American Library Association. The

object of this school is thorough preparation for any aspect of library work. Since it is connected with the City Library, with its large collections and numerous branches, the student has exceptional opportunity for supervised practical work.

Broad preparation for this course in such departments as English, history, the social sciences, and modern languages is especially recommended. The student should complete the regular lower division requirements for the junior certificate.

A thesis, acceptable both to the Library School and to the major department in the College, is required for the completion of this course.

In California a special certificate, with qualifications similar to those of a regular High School Teacher's Certificate, is required of high school librarians. Candidates for this certificate must complete the full four-year course at the College, including the work in Education required for the High School Teacher's Certificate, before entering the Library School.

Complete information regarding the work of the Library School may be obtained by addressing the Principal of the Library School, Los Angeles Public Library, Los Angeles.

Major department: English, History, or Political Science.

PRE-MEDICAL COURSE

Subjects which should be included in the Pre-Medical course, preliminary to work in a class "A" medical school, are arranged as follows for those entering in 1923:

Prerequisite: high school Chemistry.

FRESHMAN YEAR: Chemistry 1-2 and 3L-4L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together. Spanish will not be accepted in place of the last named requirement.

SOPHOMORE YEAR: Zoology 1-2 and 1L-2L; Chemistry 5L-6L, or 7-8 and 7L-8L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together.

JUNIOR YEAR: Zoology 101 and 101L, 104 and 104L; Chemistry 5L-6L, or 7-8 and 7L-8L; Physics 1-2 and 1L-2L.

Students in this course are advised to take Botany 3 and 3L, Hygiene 3, and Zoology 102, 102L, 108, and 108L, at some time during the course, as arrangements can be made.

Major department: Zoology.

COLLEGE-HOSPITAL COURSE

The California State Board of Health, on July 6th, 1918, formally authorized the arrangement between Occidental College and the Pasadena Hospital whereby at the end of five years, three in the College and two given to practical nursing in the hospital, a student may obtain the degree of Bachelor of Arts and also meet in full the requirements of the Nurses' Registration Act as demanded of an accredited training school.

Subjects which must be included in this course are arranged as follows for those entering in 1923:

FRESHMAN YEAR: Zoology 1-2 and 1L-2L; Hygiene 5.

SOPHOMORE YEAR: Zoology 101L, 102, and 102L; Chemistry 1-2, and either 1L-2L or 3L-4L, and Botany 3 and 3L.

JUNIOR YEAR: Zoology 104, 104L, and 108, 108L.

In addition, the following requirements must be completed before the end of the first three years: Economics 1-2; Hygiene 1-2 and 3; Philosophy 2; Mathematics 1 and 2, unless trigonometry and solid geometry have been offered for entrance; French or German sufficient to make the credit earned in these two languages in high school and college equal fifteen units. Spanish will not be accepted in place of the last named requirement.

Major department: Zoology.

DEPARTMENTS OF INSTRUCTION

Lower division courses are numbered 1 to 99; upper division, 100 to 199; graduate courses, 200 and above. Hyphenated numbers, as 1-2, indicate a year course. Though it is generally intended that such a course be pursued throughout the year, a student may receive credit for one semester without the other unless the opposite is stated. Ordinarily the second semester cannot be taken without the first. L added to a number denotes a laboratory or field course.

Any undergraduate course for which fewer than five students are enrolled at the beginning of a semester may be withdrawn.

Upon completion of such additional requirements as may be set by the instructor, certain of the upper division courses may be credited as graduate work. Enrollment of upper division students in graduate courses is limited to seniors who have met, with high grade, such prerequisites as departments may set.

The work of the College is carried on during five days of the week. Classes begin at 8:30 a.m. and in general have finished by 3:30 p.m. The schedule of classes published currently for each semester may be obtained on application.

BOTANY AND GEOLOGY

Professor Smiley

Mr. Wiggins

BOTANY

Major. Courses 101, 103, 105 or 106, and 107-108.

Minor. Courses 101, 103, and 105 or 106.

Prerequisite to the major: Courses 1-2, 1L-2L, 4, and Zoology 1-2.

Prerequisite to the minor: Courses 1-2 and 1L-2L.

LOWER DIVISION COURSES

1-2. Fundamentals of Botany.

Lectures, with assigned reading, on the life of plants, their structure, and classification.

3 hours, throughout the year. (6 units)

1L-2L. Elementary Botany Laboratory.

To accompany course 1-2, and prerequisite to all upper division courses in Botany.

2 laboratory periods, throughout the year. (4 units)

3. Bacteriology.

Lectures on the bacteria and other microorganisms, with laboratory practice in microbiological methods. To alternate with course 101; not given in 1923-24.

Prerequisite, Chemistry 1-2 and either Botany 1-2 or Zoology 1-2, or equivalents.

2 lectures and 2 laboratory periods, first semester. (4 units)

4. Plants and Plant Communities of Southern California.

Laboratory and field study of the native ferns and seed plants. To alternate with course 106; not given in 1923-24.

2 laboratory periods, second semester. (2 units)

UPPER DIVISION COURSES

101. Fungi.

Introductory to the study of plant pathology. To alternate with course 3; given in 1923-24.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

1 lecture and 2 laboratory periods, first semester. (3 units)

103. Morphology, Taxonomy and Geographic Distribution of Spermatophytes.

Some field work required. To alternate with course 105; not given in 1923-24.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

2 or 3 laboratory periods, first semester. (2 or 3 units)

105. Ornamental Plants and their Use.

Laboratory and field study of landscape gardening plant materials. To alternate with course 103; given in 1923-24.

Prerequisite, course 1-2, and course 103 or junior standing.

2 or 3 laboratory periods, first semester. (2 or 3 units)

106. Economic Botany.

A course concerned with the more important economic plants, especially those of California. To alternate with course 4; given in 1923-24.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

2 lectures and 2 laboratory periods, second semester. (4 units)

107-108. Thesis Course for Seniors and Graduate Students only.

To alternate with Geology 114; given in 1923-24.

Prerequisite, course 103 or 105.

2 or 3 laboratory periods, either or both semesters. (Hours and credit to be arranged).

201. Teachers' Course.

See Education 201.

2 hours, one semester.

GEOLOGY

Minor. Courses 111, 112 and 114.

Prerequisite to the minor: Courses 11-12, 11L-12L, and 14.

LOWER DIVISION COURSES

11-12. General Geology.

Lectures, with assigned reading.

3 hours, throughout the year. (6 units)

11L-12L. General Geology Laboratory.

To accompany course 11-12.

1 laboratory period or field trip, throughout the year. (2 units)

14. Mineralogy.

Lectures, with assigned reading on the minerals of common occurrence or economic importance, including the elements of crystallography and practice in mineral identification. To alternate with course 112; not given in 1923-24.

Prerequisite, matriculation chemistry or Chemistry 1-2.

2 lectures and 2 laboratory periods, second semester. (4 units)

UPPER DIVISION COURSES**111. Geography and Geology of Latin America.**

Given in alternate years; given in 1923-24.

Prerequisite, course 11-12 or junior standing.

3 lectures, first semester. (3 units)

112. Economic Geology.

Lectures on the principal geologic deposits of economic value, with laboratory examination of maps, models, and ore samples. Some assigned reading in the publications of the U. S. G. S. and in the current journals is required. To alternate with course 14; given in 1923-24.

Prerequisite, courses 11-12 and 14 or equivalents.

2 lectures and 2 laboratory periods, second semester. (4 units)

114. Physiography and Topographic Map Work.

Study of the modification of land surfaces and development of topographic forms by geologic agents. Designed especially for students preparing to teach science in the secondary schools. Given in alternate years; not given in 1923-24.

Prerequisite, courses 11-12 and 11L-12L.

2 laboratory periods, second semester. (2 units)

CHEMISTRY

Professor Chandler

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor; courses 1-2; 1L-2L or 3L-4L; other courses in the lower division sufficient to make 14 units altogether.

LOWER DIVISION COURSES**1-2. General Chemistry.**

For those with and those without entrance chemistry. The class meets twice a week for lectures and demonstrations and once for quiz. Must be accompanied by course 1L-2L or course 3L-4L.

to satisfy the lower division requirement in science. Holmes' "General Chemistry" also used.

3 hours, throughout the year. (6 units)

1L-2L. General Chemistry Laboratory.

Laboratory course to accompany 1-2 for those without entrance chemistry. Holmes, "Laboratory Manual of General Chemistry."

2 laboratory periods, including 1 hour drill, throughout the year. (4 units)

3L-4L. Qualitative Analysis.

Laboratory course to accompany 1-2 for those with entrance chemistry. Baskerville, "Qualitative Chemical Analysis."

2 laboratory periods, including 1 hour drill, throughout the year. (4 units)

5L-6L. Quantitative Analysis.

Practice in the general methods of gravimetric, volumetric, and electrolytic determinations. Talbot, "Quantitative Chemical Analysis." This outline will be modified for those desiring to use each method during half the allotted time. At suitable times during laboratory periods there will be class discussion of principles and methods, and individual solution of typical examples.

Prerequisite, course 3L-4L.

3 laboratory periods, including 1 hour drill, throughout the year. (6 units)

7-8. Organic Chemistry.

Lectures and recitations on the aliphatic and aromatic compounds. Norris, "Organic Chemistry," is also used.

Prerequisite, course 1-2.

2 hours, throughout the year. (4 units)

7L-8L. Organic Chemistry Laboratory.

Preparation and reaction of organic compounds. Jones, "Laboratory Outline of Organic Chemistry."

Prerequisite, course 7-8 completed or in progress.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

Any of the year courses numbered 5L-6L, 7-8, and 7L-8L, may count as upper division courses and be included in the major or minor if taken in the upper division after the completion of 14 units in lower division courses.

101-102. Physical Chemistry.

Lectures in the field of advanced chemistry, recitations from Bigelow's "Theoretical and Physical Chemistry," and reading from other texts. Given in alternate years with course 103-104; given in 1923-24.

Prerequisite, course 7-8.

2 hours, throughout the year. (4 units)

103-104. Technical Chemistry.

Consideration in detail of the processes employed in the chemical industries, and visits to neighboring plants. Rogers: "Industrial Chemistry." Given in alternate years with course 101-102; not given in 1923-24.

Prerequisite, course 5L-6L.

2 hours, throughout the year. (4 units)

111L. Advanced Chemistry Laboratory.

Special methods of Quantitative Analysis, including water, gas, oil, feed, food, and electrolytic analysis; assaying, organic and inorganic preparations; physical chemistry measurements. The student may choose from these subjects sufficient to complete his major or his graduate work.

Prerequisite, course 5L-6L.

1 to 3 laboratory periods, either or both semesters. (1 to 6 units)

201. Teachers' Course.

See Education 201.

1 hour, throughout the year. (2 units)

CLASSICAL LANGUAGES

Professor Ward

Assistant Professor.....

GREEK

Professor Ward

Major. Eighteen units in the upper division, taken from courses 105 to 110.

Minor. Six or more units in the upper division, including one course in Plato or the historians, and one in the drama.

Prerequisite to the major: courses 1, 2, and 6.

Prerequisites to the minor: courses 1 and 2.

LOWER DIVISION COURSES

1. Elementary.

Course for beginners.

5 hours, first semester.

2. Xenophon and Homer.

Zenophon's Anabasis; review of the grammar. Homer's Iliad; forms, meters, the early epic.

Prerequisite, course 1.

5 hours, second semester.

6. Prose Composition.

Prerequisite, course 2.

2 hours, second semester.

7. Greek Life and Art.

No knowledge of Greek required. Lectures illustrated by lantern slides and supplemented by required reading and written tests.

Open to all.

2 hours, first semester.

11. Selected Letters of Paul.

The course is varied from year to year and may therefore be taken twice in succession without covering the same ground.

Prerequisite, course 2.

3 hours, first semester.

12. Hebrews and Catholic Epistles or Other Non-Narrative portions of the New Testament.

The course is varied from year to year and may therefore be taken twice in succession without covering the same ground.

Prerequisite, course 2.

3 hours, second semester.

UPPER DIVISION COURSES

105. Plato.

Apology and Crito, with part of the Phaedo. Offered in alternate years with course 107.

Prerequisite, course 2.

3 hours, first semester.

106. Euripides, Aristophanes.

Alcestis or Medea; Clouds. All three may be read. Offered in alternate years with course 108.

Prerequisite, course 2.

3 hours, second semester.

107. Herodotus.

Books VII and VIII. Offered in alternate years with course 105.

Prerequisite, course 2.

3 hours, first semester.

108. Aeschylus, Sophocles.

Prometheus Bound, Oedipus Tyrannus, Antigone. Offered in alternate years with course 106.

Prerequisite, course 2.

3 hours, second semester.

109. Thucydides.

The Sicilian Expedition. Open to advanced undergraduates and to graduate students.

Prerequisite, 105 or 107, with 106 or 108.

3 hours, first semester.

110. Plato.

Selected dialogues. Open to advanced undergraduates and to graduate students.

Prerequisite, 105 or 107, with 106 or 108.

3 hours, second semester.

111-112. Greek Classics.

Masterpieces, studied in English translations. Lectures, readings, reports. May be elected by students without a knowledge of the Greek language.

2 hours, throughout the year. (4 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

LATIN

Assistant Professor.....

LOWER DIVISION COURSES

5. Cicero and Pliny.

Cicero: *De Senectute* or *De Amicitia*. Pliny: selected Letters.

Prerequisite, four years of high school Latin.

3 hours, first semester.

6. Horace.

Odes and Epodes, to which certain of the Satires may be added. Lyric meters.

Prerequisite, four years of high school Latin.

3 hours, second semester.

9. Prose Composition I.

Gildersleeve and Lodge will be used as a manual. To alternate with course 10.

Prerequisite, course 5.

2 hours, second semester.

10. Prose Composition II.

Dictation based on the *De Senectute* or *De Amicitia*. Emphasis is laid on the principles of connected discourse. To alternate with course 9.

Prerequisite, course 5.

2 hours, second semester.

UPPER DIVISION COURSES

Courses 5 and 6 are prerequisite to all upper division courses in this department. Two of these are offered each year, the choice depending on the preparation and needs of the class.

101. Livy.

Books XXI-XXII, with particular attention to the syntax and Livy's qualities as a writer and historian.

3 hours, first semester.

102. Plautus and Terence.

Plautus: *Captivi*, *Trinummus*. Terence: *Phormio*. Meters, early forms and constructions, Greek and Roman life.

3 hours, second semester.

103. The Elegiac Poets.

Selected poems of Tibullus and Propertius. The latter will be made the subject of special study.

3 hours, first semester.

104. Tacitus, Juvenal.

Agricola and *Germania*, selected *Satires*. A critical study of the Silver Age in Latin literature.

3 hours, second semester.

105. Vergil.

Aeneid VII-XII, with special attention to the author's poetic art and genius and to the evidences of patronage afforded by his works.

3 hours, first semester.

106. Tusculan Disputations.

Cicero's exposition of the philosophy current toward the close of the Republic.

3 hours, second semester.

DRAWING AND ART

TECHNICAL DRAWING

Assistant Professor Morse

LOWER DIVISION COURSES

1-2. Technical Drawing.

Involves the use of instruments, geometric construction, orthographic projection, principles of dimensioning and blue print reading. Practice in lettering and layout of titles. Text: French's "Engineering Drawing." This course must precede all advanced work.

3 hours, throughout the year. (2 units.)

3-4. Orthographic Projection.

Problems in projection, intersections of solids, development of surfaces and application to working drawings.

Prerequisite, course 1-2.

6 hours, throughout the year. (4 units.)

7-8. Machine Drawing.

Sketching of machine details, tracing and assembled views.
Text: Schwamb and Merrill, "Elements of Mechanism."

Prerequisite, course 1-2 or 3-4.

6 hours, throughout the year. (4 units.)

11-12. Topography and Map Making.

Ink rendering for map making, lettering, tracing and blue printing.

Prerequisite, course 1-2.

3 hours, throughout the year. (2 units.)

15-16. Descriptive Geometry.

Problems in lines, planes and solids; intersections and developments; isometric and perspective drawings. Text: Blessing and Darling, "Descriptive Geometry."

Prerequisite, courses 1-2 and 3-4, Mathematics 2.

6 hours, throughout the year. (4 units.)

17-18. Graphic Statics.

Graphical solution of problems in mechanics and strength of materials; vectors and vector quantities; force and space diagrams; funicular polygons; beams; trusses; problems in simple machines. Identical with Mathematics 17-18.

Prerequisite, course 1-2 and Mathematics 1.

3 hours, throughout the year. (2 units.)

UPPER DIVISION COURSES

121-122. Architectural Rendering of Shades and Shadows.

Accurate methods for determining the shadows of geometrical lines, plane figures and solids, and their application to the casting of conventional shades and shadows on the principal architectural members.

Prerequisite, courses 1-2 and 15-16.

3 hours, throughout the year. (2 units.)

123-124. Architectural Perspective.

Theory and application of methods of drawing architectural perspectives.

Prerequisite, courses 1-2 and 3-4, course 121-122 completed or in progress.

3 hours, throughout the year. (2 units.)

129-130. Architectural Drawing.

Architectural lettering, detailing and preparation of working drawings.

Prerequisite, course 1-2, 15-16, 121-122, 123-124.

6 hours, throughout the year. (4 units.)

FREEHAND DRAWING

Mr. Weber

LOWER DIVISION COURSES

1-2. Elementary Freehand Drawing.

Drawing in pencil, ink and pen, and charcoal, from models and still life, outdoor sketching, the principles of light and shade, and perspective.

Open to all.

3 hours, throughout the year. (2 units)

3-4. Landscape and Architectural Sketching.

Sketching from nature, architectural subjects, drawing from memory, composition. This course is recommended as a preparation for Course 7-8.

Prerequisite, Course 1-2.

3 hours, throughout the year. (2 units)

5-6. General Drawing and Design.

Some suggested topics are: Figure and landscape sketching, advanced work in black and white and colored media, study of natural forms with application of same to design, conventional ornament, decorative and industrial design (stencil, fabrics, art craft, illumination, etc.).

Prerequisite, Course 1-2.

3 to 6 hours, throughout the year. (2 or 4 units.)

7-8. Architectural Rendering.

Pen, pencil, water color, and crayon as media. Perspective (linear and aerial). Landscape and foreground composition.

Prerequisite, Course 1-2.

3 to 6 hours, throughout the year. (2 or 4 units)

9-10. Synopsis Course.

Fundamental principles of drawing of forms and of light and shadow. Expression in various media. Elementary design. Composition. Color.

1 hour, throughout the year. (2 units)

HISTORY OF ART

Associate Professor Cunningham

Prerequisite: recommended, History 1-2.

LOWER DIVISION COURSES

1-2. Survey Course.

First semester: Outline history of architecture and sculpture.

Second semester: Outline history of painting.

3 hours, throughout the year. (6 units)

3. History of Ancient Art.

A study of pre-Grecian art. For additional work in Greek art see Greek 7, "Greek Life and Art."

3 hours, first semester.

5. History of Medieval Art.

Study of architecture, sculpture and painting, in the Romanesque and Gothic periods.

3 hours, first semester.

6. History of Renaissance Art.

(a) Study of Italian art in the fifteenth and sixteenth centuries.

(b) Study of the art of Northern Europe in the sixteenth, seventeenth, and eighteenth centuries.

3 hours, second semester.

8. Outline History of Art in the Nineteenth Century.

3 hours, second semester.

10. Outline of Aesthetic Theory.

A study of the fundamental principles of aesthetics and their application to the Fine Arts.

3 hours, second semester.

ECONOMICS

Professor Thornton¹

Acting Professor McGrath²

Mr. McLain

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: course 1-2 and either Political Science 1-2 or a year course in History.

On completion of additional requirements, certain of the upper division courses may be credited as graduate work.

LOWER DIVISION COURSES**1-2. Principles of Economics.**

An introductory course dealing with modern economic theories and their application to practical problems. Required for admission to upper division courses in the department.

Prerequisite, sophomore standing.

3 hours, throughout the year. (6 units.)

3-4. Bookkeeping.

An introductory course to accounting, giving the student actual experience in recording a wide variety of transactions.

3 hours, throughout the year. (6 units.)

¹Resigned Feb. 1, 1923.

²Second semester, 1922-23.

5-6. Accounting Principles.

A consideration of the fundamental theory and practice of accounts.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. Money, Credit and Banking.

A study of the principles of money and banking, the existing monetary and banking systems of the United States and foreign countries, and bank credit.

2 hours, throughout the year. (4 units).

103. Corporation Finance.

Development of the corporate form of business; the advantages and disadvantages of the corporate form; the legal position of the corporation; promotion; the sources of capital, etc.

Prerequisite, course 101-102.

3 hours, first semester.

104. Transportation.

The development of transportation facilities, financing railroad corporations and steamship companies, rate making in theory and practice, etc.

Prerequisite, course 101-102.

3 hours, second semester.

105. Public Finance.

A study of the theories and methods of taxation. Not given in 1922-23.

3 hours, one semester.

106. Labor Problems.

Genesis of labor problems; the labor force; labor's share of the social product, with particular attention to the theories and proposals for the solution of labor problems.

3 hours, second semester.

107-108. Social Problems.

A survey of the more deeply seated social problems, with special attention to social viewpoints; population theories and policies; eugenics; immigration; marriage and divorce; the meaning and ethics of democracy.

2 hours, throughout the year. (4 units)

109. The Distribution of Wealth and Income.

A brief analysis of the present actual distribution of wealth. Not given in 1923-24.

3 hours, first semester.

110. History of Economic Thought.

Required of those who major in the department. Not given in 1922-23.

3 hours, second semester.

111. Latin American Trade.

One country—Mexico—is chosen as the chief subject of study, with a comparison so far as time allows between Mexico and other Latin American countries.

3 hours, first semester.

112. Investments.

A study of the principles governing security values and speculation. Not given in 1923-24.

Additional prerequisite, courses 103 and 104.

3 hours, second semester.

GRADUATE COURSES

211-212. Economic Seminar.

Intensive and independent research and presentation of results. Open to graduates, and to undergraduates majoring in Economics.

1 to 3 hours, throughout the year. (2 to 6 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

EDUCATION

Professor Sinclair

Professor Cook

Associate Professor Fardelius

Mr. Moore, Lecturer

Mr. Harwood, Instructor

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: consult department.

Prerequisite to upper division courses: Philosophy 2.

Note—The major and minor named above are the academic major and minor, leading to the degree of Bachelor of Arts. For the meaning of these terms as named in the requirements for the High School Certificate, see under "The School of Education."

UPPER DIVISION COURSES

101. Introduction to Education.

SINCLAIR

An elementary course, having as its aim the introduction of the student to the various fields of education. A text will be used supplemented by lectures, readings and reports. Open to sophomores who are preparing to teach.

2 hours, either semester.

103. Principles of Education.

SINCLAIR

An introductory study of the aims and values of education with special consideration of the curriculum as a means of realizing these aims. Not given in 1923-24.

3 hours, first semester.

104. Growth and Development of the Child.

FARDELIUS

Identical with Hygiene 104.

3 hours, second semester.

105. History of Education, Earlier Period.

COOK

A survey of the growth of education and its influence upon human progress. The course covers the period from the earliest times to the renaissance.

3 hours, first semester.

106. History of Education, Later Period.

COOK

The history from the Renaissance to the present time is covered, particular attention being devoted to great thought movements and their bearing upon civilization and the advancement of learning.

3 hours, second semester.

110. School Hygiene.

FARDELIUS

Identical with Hygiene 110.

3 hours, second semester.

111. Educational Psychology.

SINCLAIR

This course is introductory in nature, designed to acquaint the student with the field of Educational Psychology. Specific problems in connection with the native equipment of human beings and the psychology of learning will be considered, and selected experiments in the latter field will be included.

3 hours, first semester.

112. Principles of Elementary Education.

HARWOOD

An elementary course for students preparing for the Elementary School Certificate.

2 hours, second semester.

114. Public Education in California.

MOORE

This course has been planned to meet the requirements of the State Board. It will include a study of the California system of Education from the points of view of its legal aspects, administrative organization, etc.

2 hours, second semester.

119. Principles of Secondary Education.

SINCLAIR

This course will present the aims and goals of secondary education and its relation to the elementary and higher institutions. Special emphasis will be placed on present tendencies in this field.

3 hours, first semester.

122. Classroom Management.

SINCLAIR

A brief study of class management and routine: discipline, attendance, grading and marking, etc.

1 hour, second semester.

123. Public School Administration.

MOORE

This course considers the organization and administrative control of state, county and city school systems.

2 hours, first semester.

127. Technique of Teaching.

SINCLAIR

In this course the conventional general methods of teaching in the elementary and high school will be considered, with special attention directed to the project method, socialized recitation and supervised study. Directed observation of actual teaching in the city schools supplements the theoretical consideration.

2 hours, first semester.

130. Education and Citizenship.

SINCLAIR

A study of the ideals and objectives of good citizenship. In addition, the subjects taught in the public schools will be considered from the point of view of their possibilities in relation to the realization of these ideals.

2 hours, second semester.

136. Practice Teaching.

SINCLAIR, HARWOOD

Actual experience in teaching in the public schools of the city, under supervision, for at least five hours per week during one semester. Open to seniors who are candidates for Elementary or Junior High School Certificates. Conferences two hours per week.

4 hours, either semester.

GRADUATE COURSES

201. Teachers' Courses.

Teachers' Courses in special methods in connection with the preparation in teaching majors and minors in various departments are offered as indicated below:

- A. Teachers' Course in Botany.
- B. Teachers' Course in Chemistry.
- C. Teachers' Course in English.
- D. Teachers' Course in French.
- E. Teachers' Course in Greek.
- F. Teachers' Course in History.
- G. Teachers' Course in Mathematics.
- H. Teachers' Course in Physics.
- I. Teachers' Course in Spanish.
- J. Teachers' Course in Zoology.

For further information concerning these courses, see statement of department concerned, under Course 201. None of them may be credited toward the degree of Master of Arts.

204. Mental Measurements.

SINCLAIR

This course will give the student an introduction to the field of mental measurements. The nature and use of standard tests will be studied.

3 hours, second semester.

206. Practice Teaching.

SINCLAIR, HARWOOD

Candidates for the High School Certificate without teaching experience are required to complete one semester of actual teaching of five hours per week in a city high school. This teaching will be carried on under supervision and will be supplemented by frequent conferences for discussion of problems.

4 hours, either semester.

211-212. Educational Seminar.

SINCLAIR

Not offered in 1923-24.

ENGLISH

Professor Stelter

Associate Professor Odell

Associate Professor Thompson

Mr. Milham

Mrs. Pipal

Major. For graduation, eighteen units in the upper division; twenty-four units in the upper division are advised for students seeking the recommendation of the department for honors, graduate work, or teaching. A major should ordinarily include at least two units in advanced composition, three from courses 121 to 124, twelve from 124-146, and such other courses as 255-256.

All students majoring in the department, especially those who expect to pursue graduate work in English, should equip themselves with a reading knowledge of one or more of the foreign languages chosen from Greek, Latin, French, or German. A course in English History is advised for those not offering it for entrance.

Minor. For graduation, six units in the upper division; ten units are advised for students who seek the recommendation of the department.

Prerequisite to the major or minor: courses 1-2 and 51-52 or equivalents.

Prerequisite to upper division courses: course 1-2; six units from lower division courses numbered above 50 or upper division standing.

Graduate Major:

1. For the Master's degree: thirty-six units of upper division and graduate work in English, including two graduate seminars, or graduate year courses, or equivalents. For the High School Teacher's Certificate: the equivalent of the recommended undergraduate major, and eight graduate units, or four in the case of teachers of not less than seventeen months experience.

2. Reading knowledge of at least one foreign language.

3. For the Master's degree, the presentation of an acceptable thesis.

4. The English Final Examinations. These examinations,

oral or written, are a comprehensive test of the student's habits of study, thought, and expression, as well as of his knowledge of the subject matter involved. The examinations cover the following points, all of which must be satisfied, at least three by formal examination, by all candidates for the high school certificate and graduate degree:

i. The general history of English Literature, its chief masterpieces, and methods of study. Formal examination required.

ii. One or more of the main periods, types, or authors. May be met by satisfactory work in upper division courses aggregating not less than six units.

iii. The development of the English language, and principles of linguistic study. May be met by from four to six units from courses the equivalent of 121 to 124.

iv. Standard principles of literary criticism applied to types and forms. May be met by course 255-256.

v. Organization and presentation of thought, oral and written. May be met by courses in advanced composition and public speaking.

LOWER DIVISION COURSES

1-2. English Composition.

THE STAFF

Introductory course. Required for graduation and prerequisite to all upper division courses. Must be completed or in progress before any other lower division course may be taken in this department.

3 hours, throughout the year. (6 units)

11-12. Public Speaking.

PIPAL

Elementary practice in the preparation and delivery of speeches adapted to various occasions.

Prerequisite, course 1-2 completed or in progress.

2 hours, throughout the year. (4 units)

13-14. Reading.

PIPAL

The fundamental principles of vocal expression and of effective reading and interpretation.

Prerequisite, course 1-2 completed or in progress.

2 hours, throughout the year. (4 units)

51-52. History of English Literature.

STELTER, THOMPSON

A thorough survey; required, or its equivalent, of students who intend to major or minor in English. Either semester may be taken separately.

Prerequisite, course 1-2 completed or in progress.

3 hours, throughout the year. (6 units)

53-54. Types of Literature.

THE STAFF

A series of courses in the historical and critical study of the development, and of representative forms, of various types of lit-

erature: (A) the English essay, (B) the drama, (C) the novel, (D) narrative and lyrical poetry, (E) the epic, (F) the short story, (G) biography and letters. One or more of the types is offered each semester.

Prerequisite, course 1-2 completed or in progress.
2 hours each, throughout the year. (4 units each)

55-56. Introduction to Poetry.

ODELL

The nature and essentials, and the forms of poetry; methods of study.

Prerequisite, course 1-2 completed or in progress.
2 hours, throughout the year. (4 units)

61-62. Journalism.

MILHAM

News writing. Either semester may be taken separately.

Prerequisite, course 1-2.
1 hour, throughout the year. (2 units)

UPPER DIVISION COURSES

Certain courses of the upper division are given in alternate years. Upon completion of additional requirements courses 121 and following may be credited as graduate work.

101-102. Advanced Composition.

STELTER, THOMPSON

Narrative and descriptive writing. Open to sophomores who completed 1-2 with high standing. Either semester may be taken separately.

2 hours, throughout the year. (4 units)

103. Editorial and Critical Writing.

ODELL

Theory and practice.

2 hours, first semester.

104. Short Story Writing.

ODELL

Discussion of theories involved, analysis of types, and practice in writing.

2 hours, second semester.

110. Versification.

STELTER

A study of the principles and forms of English verse; practice in verse writing.

1 hour, second semester.

111-112. Advanced Public Speaking.

Extemporaneous speaking, the occasional address, the oration.

Additional prerequisite, course 11-12.

2 hours, throughout the year. (4 units)

115. Argumentation and Debate.

The theory of argumentation, preparation of briefs, writing and delivery of argument.

Additional prerequisite, course 11-12.

2 hours, first semester.

118. Oral Interpretation.

PIPAL

The oral interpretation of literature, public reading, dramatic interpretation.

Additional prerequisite, course 13-14.

2 hours, second semester.

121-122. Old English.

STELTER

Elements of Old English grammar, with readings; survey of the literature of the period.

3 hours, throughout the year. (6 units)

123. The History of the Language.

THOMPSON

The origin, growth, and history of the language.

3 hours, first semester.

124. The Period of Chaucer.

STELTER

The life and times of Chaucer; readings principally in **The Canterbury Tales** and in **Troilus and Criseyde**; survey of Middle English grammar and literature.

3 hours, second semester.

127. The Development of the Drama.

THOMPSON

The beginnings, development, and history of English drama to 1642.

3 hours, second semester.

129. Elizabethan Non-Dramatic Literature.

THOMPSON

The renaissance; principal authors and types, 1557-1625; Spenser.

3 hours, first semester.

130. Shakespeare.

THOMPSON

Reading of a number of plays; Shakespeare's dramatic art; the theatrical and social conditions of the times.

3 hours, second semester.

132. Shakespeare.

THOMPSON

Intensive study of three plays.

3 hours, second semester.

135. The Period of Milton.

STELTER

The life and times of Milton (1625-1660); his poetry and most important prose; the "methaphysical," the church, and the cavalier poets; prose writers.

3 hours, first semester.

136. The Classical Period.

ODELL

The background, the literary movements, and the major poets and prose writers of the period (1660-1780).

3 hours, second semester.

137. The Romantic Period.

STELTER

The rise of romanticism; Wordsworth, Coleridge, Byron, Shelley, Keats; other writers of verse and prose of the period (1780-1832).

3 hours, first semester.

- 139. The History of the Novel.** ODELL
The development of the English novel to the nineteenth century.
3 hours, first semester.
- 140. Nineteenth Century Novelists.** ODELL
The greater English novelists of the nineteenth century.
3 hours, second semester.
- 142. Nineteenth Century Prose.** ODELL
A study of the major prose writers, exclusive of the novelists.
3 hours, second semester.
- 144. Victorian Poetry.** STELTER
The major poets of the period (1832-1892).
3 hours, second semester.
- 145-146. American Literature.** THOMPSON
A general survey of American literature, with a detailed study of important writers. Either semester may be taken separately.
2 hours, throughout the year. (4 units)
- 147. Browning.** CUNNINGHAM
A systematic and intensive study of the philosophy and art of Robert Browning.
3 hours, first semester.
- 148. Tennyson.**
A systematic and intensive study of the works of Tennyson.
2 hours, second semester.
- 151. Modern Drama** STELTER
A study of the chief contemporary English, American, and Continental dramatists from Ibsen to the present time.
2 hours, first semester.
- 152. Contemporary Poetry.** STELTER
A survey of English and American poetry since 1890, with special attention to modern tendencies.
2 hours, second semester.
- 160. Honors Course.** STELTER
The opportunity to read for honors in English, to produce a piece of original work or of constructive criticism, is offered to a limited number of seniors, or in certain cases juniors, majoring in English.
2 hours, either semester.

GRADUATE COURSES

- 201. The Teaching of English.** STELTER
A study of the problems and methods of the teaching of English in the secondary schools. Open to seniors and graduate students. Required of candidates for high school certificates offer-

ing English as a major. No credit toward the degree of Master of Arts.

See Education 201.

2 hours, first semester.

211-212. **Seminar.** Subject chosen for each year.

2 hours, throughout the year. (4 units)

220. **Thesis for Master of Arts Degree.**

Not to exceed four units.

255-256. **Theories of Poetry.**

STELTER

A study of the chief theories of poetry and literary criticism and the types of poetry, with illustrations drawn mainly from the English poets.

2 hours, throughout the year. (4 units)

FRENCH

Professor Bell

Assistant Professor Wiley

Miss Christie

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalents. The attention of students majoring in French is called to History 103-104, History of Art 1, English 136, 137, 151, and Political Science 111-112. Under certain conditions courses 105 to 112 may be elected for graduate credit.

LOWER DIVISION COURSES

1-2. **Elementary French.**

BELL IN CHARGE

Students presenting two years of high school French may enter this course at the beginning of the second semester.

5 hours, throughout the year. (10 units)

3-4. **Novel and Drama.**

BELL IN CHARGE

Prerequisite, course 1-2 or three years of high school French.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. **Survey of French Literature and Culture.**

CHRISTIE

A general view of French literature from the beginnings to the present time in its historical and cultural background, with study of important masterpieces since the sixteenth century.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

103-104. Advanced Composition and Conversation. BELL

Prerequisite, course 3-4 and 101-102 completed or in progress.

3 hours, throughout the year. (6 units)

105-106. Nineteenth Century Literature. CHRISTIE

Analyses of selected plays, novels, and stories to illustrate the literary movements from the Restoration to the end of the century.

Prerequisite, 101-102.

3 hours, throughout the year. (6 units)

107-108. Contemporary Literature. CHRISTIE

The drama, novel, poetry, and currents of thought from 1885 to the present.

Prerequisite, 101-102.

3 hours, throughout the year. (6 units)

109-110. The Eighteenth Century. WILEY

A general survey of the decline of Classicism, the philosophers and scientists, and the beginnings of Romanticism. Alternates with 111-112. Not given in 1923-24.

Prerequisite, 101-102.

3 hours, throughout the year. (6 units)

111-112. Seventeenth Century Literature. WILEY

The intellectual and social life of the Golden Age, with special attention to Corneille, Molière, and Racine. Alternates with course 109-110.

3 hours, throughout the year. (6 units)

GRADUATE COURSES

201. Teachers' Course. BELL

See Education 201.

2 hours, second semester.

211-212. Seminar.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

GERMAN

Professor—————

Mrs. Fisk

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalents.

Other courses will be offered according to demand.

LOWER DIVISION COURSES

1-2. Elementary German.

Students presenting two years of high school German may enter this course at the beginning of the second semester.

5 hours, throughout the year. (10 units)

3-4. Novel and Drama.

Prerequisite, course 1-2 or three years of high school German.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. German Classics.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

HISTORY

Professor Cleland

Professor Myers

Professor Ward (Classical Dept.)

Mr. Charles Erdman

Miss Coutts

Major. A minimum of eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: course 1-2 or courses 3 and 4; Economics 1-2 or Political Science 1-2.

Courses 103 and 104 and courses 107-108 are given in alternate years. Students majoring in this department should arrange their schedules accordingly.

Certain of the upper division courses may be elected for graduate credit.

LOWER DIVISION COURSES

1-2. European History.

MYERS

A background course dealing with the development of European civilization. Emphasis upon the principal institutions of the middle ages, upon the renaissance and its influence, and upon the growth of individuality and nationality as seen in the protestant revolution.

3 hours, throughout the year. (6 units)

3. History of England.

CLELAND

A study of English history from the Anglo-Saxon conquest to the reign of James I.

3 hours, first semester.

4. History of England.

CLELAND

A study of English history from the reign of James I to the end of the nineteenth century.

Prerequisite, course 3.

3 hours, second semester.

UPPER DIVISION COURSES

Course 1-2 or courses 3 and 4, together with Economics 1-2 or Political Science 1-2, are prerequisite to all upper division courses in this department.

101. History of the United States.

CLELAND

A study of the political history of the United States from the Revolutionary War to the Compromise of 1850.

3 hours, first semester.

102. History of the United States.

CLELAND

A study of the political history of the United States from 1850 to 1912.

Prerequisite, course 21.

3 hours, second semester.

103. Modern European History.

MYERS

A study of Modern Europe from the reign of Louis XIV through the French Revolution. With additional work may be taken as a graduate course. Given in alternate years with course 107. Not given in 1923-24.

3 hours, first semester.

104. Modern European History.

MYERS

A study of Modern Europe since the French Revolution. With additional work may be taken as a graduate course. Given in alternate years with course 108. Not given in 1923-24.

3 hours, second semester.

105. History of Greece.

WARD

A general survey of the history of Greece, closing with the career of Alexander the Great.

3 hours, first semester.

106. History of Rome.

WARD

A general survey of the history of Rome to the fall of the western empire.

3 hours, second semester.

107-108. South American History.

MYERS

A survey of Spanish exploration, conquest and administration in South America, and of the political results of the Wars of Independence; a closer study of the intellectual, social and economic conditions at the present time. Given in alternate years with courses 103 and 104. Given in 1923-24.

3 hours, throughout the year. (6 units)

109. History of Mexico.

CLELAND

A study of early Mexican civilization, Spanish conquest and rule, and the political development of Mexico since independence.

3 hours, first semester.

110. The Relations of the United States and Mexico.

A survey of the relations of the United States and Mexico from Mexican independence to the end of the Carranza administration. Not given in 1923-24.

3 hours, second semester.

112. The Economic History of Mexico.

CLELAND

A study of the resources, economic development, and social institutions of Mexico.

3 hours, second semester.

113. History of California.

CLELAND

The period of Spanish-Mexican rule, American annexation, progress as a state.

3 hours, first semester.

139. American Diplomacy.

The history and conduct of American foreign relations. Identical with Political Science 103 and given by the department of Political Science.

3 hours, first semester.

GRADUATE COURSES

201. Teachers' Course.

CLELAND, MYERS

See Education 201.

2 hours, first semester.

212. Seminar in American History.

Subject to be announced later. Open only to graduates and to seniors majoring in the department.

2 hours, second semester.

220. Thesis for Master of Arts Degree.

Not to exceed four units.

HYGIENE AND PUBLIC HEALTH

Associate Professor Fardelius

Professor Esterly (Zoology Dept.)

Mr. Selle (Zoology Dept.)

Mrs. Bird

LOWER DIVISION COURSES

1-2. Personal Hygiene and First Aid.

FARDELIUS

Primarily for freshmen. Open to women.

1 hour, throughout the year. (2 units)

3. Public Health and Sanitation.

SELLE

Not counted toward the lower division requirement in science.
Given in alternate years. Not given in 1923-24.

2 hours, first semester. (2 units)

4. Domestic Hygiene and Home Care of the Sick.

BIRD

Instruction by means of text book, lectures and demonstration.
Open to women.

2 hours, first semester. (2 units)

5. Nutrition and Cookery.

BIRD

A study of foods and food values, of the chemistry and physiology of digestion, and of the varying requirements of the individual. Preparation and service of practical dietaries.

Prerequisite, one year in chemistry.

2 hours of lectures and 2 laboratory periods of two hours each,
second semester. (4 units.)

UPPER DIVISION COURSES**101. Kinesiology and Applied Anatomy.**

FARDELIUS

Text, Bowen and McKenzie, "Applied Anatomy and Kinesiology".

Prerequisite, Zoology 108 and 108L,

2 hours, first semester. (2 units)

102. Physiology of Exercise.

FARDELIUS

Prerequisite, course 101.

2 hours, second semester. (2 units)

103. Growth Divergences.

FARDELIUS

2 hours, first semester. (2 units)

104. Growth and Development of the Child.

FARDELIUS

Text, Terman, "The Hygiene of the School Child".

Prerequisite, course 103.

3 hours, second semester. (3 units.)

105-106. Physical Diagnosis.

Text, Cabot, "Physical Diagnosis." Given in alternate years. Not given in 1923-24.

3 hours, throughout the year. (6 units)

108. Human Physiology.

ESTERLY

Identical with Zoology 108 and given by the department of Zoology, but may be counted as an upper division course in this department.

3 hours, second semester. (3 units)

108L. Human Physiology Laboratory.

SELLE

To accompany course 108. Identical with Zoology 108L.

2 laboratory periods, second semester. (2 units)

109. Health Supervision in Schools.

FARDELIUS

Prerequisite Course 103 and 104.

2 laboratory periods, second semester. (2 units.)

110. School Hygiene and Methods of Hygiene Teaching.

FARDELIUS

Open to undergraduates of advanced standing and to graduate students.

Prerequisite, courses 104 and 109.

3 hours, second semester. (3 units)

112. Human Anatomy.

Demonstrations on skeleton, charts, manikin, and living models. Given in alternate years. Not given in 1923-24.

Prerequisite, Zoology 108 and 108L.

3 hours, first semester. (3 units)

112L. Human Anatomy Laboratory.

To accompany course 112. Given in alternate years. Not given in 1923-24.

2 laboratory periods, first semester. (2 units)

MATHEMATICS

Professor Allen

Assistant Professor Morse

Major. Eighteen units in the upper division.**Minor.** Six or more units in the upper division.

Prerequisite to the major or minor: courses 1, 2, 3 and 4.

LOWER DIVISION COURSES**1. Plane and Spherical Trigonometry.**

MORSE

Prerequisite, elementary algebra and plane geometry.

3 hours, first semester.

2. Solid Geometry.

MORSE

Prerequisite, elementary algebra and plane geometry.

3 hours, second semester.

3. College Algebra.

ALLEN

Includes the development and application of the binomial theorem and of the exponential and logarithmic series, permutations and combinations, and the theory of equations.

Prerequisite, elementary algebra and plane geometry.

3 hours, first semester.

4. Plane Analytics.

ALLEN

A study of analytic methods, the analytic geometry of the straight line, the circle, and the conic sections, and investigation of the general equation of the second degree.

Prerequisite, trigonometry.

3 hours, second semester.

6. Surveying.

ALLEN

The principles of land surveying, irrigation, and railroad engineering; field work and the reduction of field notes to plots drawn to scale.

Prerequisite, trigonometry.

3 hours, second semester.

7. Theory of Equations.

ALLEN

The theory of determinants; the theory, analysis, and solution of higher numerical and algebraic equations.

Prerequisite, courses 1 and 3.

3 hours, first semester.

11. General Astronomy.

ALLEN

A course in descriptive astronomy. Study of nebulae, planets, and constellations, with the telescope.

Prerequisite, trigonometry.

3 hours, first semester.

15-16. Descriptive Geometry.

MORSE

Identical with Technical Drawing 15-16.

Prerequisite, course 2, Technical Drawing 1-2 and 3-4.

2 laboratory periods, throughout the year. (4 units)

17-18. Graphic Statics.

MORSE

Graphical solution of problems in mechanics and strength of materials; vectors and vector quantities; force and space diagrams; funicular polygons; beams, trusses; problems in simple machines. Identical with Technical Drawing 17-18.

Prerequisite, course 1 and Technical Drawing 1-2.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

These will be counted as upper division courses only when preceded by 1, 2, 3 and 4, but may be taken as lower division courses with the prerequisites named below.

121. Differential Calculus.

ALLEN

The principles and formulae of differential calculus and the application to such problems as maxima and minima, indeterminate forms, expansion of series, etc.

Prerequisite, courses 3 and 4.

3 hours, first semester.

122. Integral Calculus.

ALLEN

The principles and formulae of integral calculus, with application to problems in integration, such as lengths of curves, areas, volumes, etc.

Prerequisite, course 121.

3 hours, second semester.

123-124. Theoretical Mechanics.**MORSE**

Identical with Physics 123-124.

Prerequisite, courses 121 and 122.

3 hours, throughout the year. (6 units)

125. Advanced Calculus.**ALLEN**

Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite, courses 121 and 122.

3 hours, first semester.

126. Differential Equations.**MORSE**

Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite, courses 121 and 122.

3 hours, second semester.

128. Higher Analytics.**ALLEN**

A more advanced course than course 4, including a study of higher plane curves and the elements of solid analytic geometry.

Prerequisite, course 4.

3 hours, second semester.

130. Practical Astronomy.**ALLEN**

Lectures and instrumental work. The determination of time, latitude and longitude, and the computation of current eclipses and occultation of stars.

Prerequisite, courses 2, 4, 11.

3 hours, second semester.

201. Teachers' Course.**ALLEN**

See Education 201.

2 hours, one semester.

PHILOSOPHY

Professor Burt

Professor Wieman

Major. Eighteen units in the upper division.**Minor.** Six or more units in the upper division.

Prerequisite to the major or minor: courses 2, 3, and 11-12. Those intending to major in Philosophy will take 11-12 in the freshman year, 2 and 3 in the sophomore.

LOWER DIVISION COURSES**2. Psychology.****BURT**

Psychology, descriptive and explanatory. A study of the most general and elementary forms of consciousness. Textbook, lectures and required reading.

Not open to freshmen till the second semester; open either semester to all others.

3 hours, either semester.

3. Logic.

BURT

Prerequisite, sophomore standing.

3 hours, first semester.

11-12. Introduction to Philosophy.

WIEMAN

Freshmen will commence with this course if they intend to major in Philosophy.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Courses 2 and 11-12 are prerequisite to all upper division courses in this department.

101. History of Ancient Philosophy.

3 hours, first semester.

102. History of Modern Philosophy.

3 hours, second semester.

103. Ethics.

Identical with Religious Education 103.

3 hours, first semester.

105. Philosophy of Religion.

WIEMAN

Identical with Religious Education 105. Open to advanced undergraduates and to graduate students.

3 hours, first semester.

106. Comparative Religion.

BURT

Identical with Religious Education 106. Open to advanced undergraduates and to graduate students.

Additional prerequisite, junior standing.

2 hours, second semester.

110. Social Ethics.

WIEMAN

2 hours, second semester.

112. Philosophy of Law.

WIEMAN

To alternate with course 110. Not given in 1923-24.

3 hours, second semester.

119. Metaphysics.

WIEMAN

Open to advanced undergraduates and to graduate students.

3 hours, second semester.

PHYSICAL EDUCATION FOR MEN

Professor Pipal

It is the aim of this department to foster vigorous health by inculcating proper health habits, and to give a fundamental training which will develop motor co-ordination, strength, poise, initiative, confidence, and self-control.

A special Teachers' Course is also offered to those desiring to enter the field of Physical Education as Athletic Directors or Coaches.

A medical examination by the College Physician is required both of lower class and of upper class men in the first semester of each year. In this examination special attention is given to the eyes, ears, heart and lungs. The results of these examinations are recorded and, with suggestions, are turned over to the Physical Education department for reference in assigning exercises for the individual.

Four lectures each semester on subjects dealing directly with the preservation of health will be given by the College Physician. Attendance upon these lectures is required for credit in the Physical Education department.

Students have free medical consultation at hours appointed by the physician.

LOWER DIVISION COURSES

1-2. Required of Freshmen.

2 hours, throughout the year. (1 unit)

3-4. Required of Sophomores.

2 hours, throughout the year. (1 unit)

5-6. Active Participation in Athletics.

3 years. (3 units)

Hygiene and Public Health 3. (2 units)

Philosophy 2. (3 units)

Zoology 1-2. (6 units)

Zoology 1L-2L. (4 units)

UPPER DIVISION COURSES

Taken in conjunction with those named in the lower division, the following courses constitute a Teachers' Course in Directing and Coaching Athletics. Students who complete it are eligible to apply for the Special State Credential for teaching this subject in the high school. Those who desire to elect the course should seek further direction from the department.

103. Theory of Teaching and Leadership.

Open to advanced undergraduates and to graduate students.

2 hours, first semester. (2 units)

106. Administration of Physical Education Programs in Secondary Schools.

Open to advanced undergraduates and to graduate students.

2 hours, second semester. (2 units)

110. Special Methods in Play Activities and Competitive Games.

Technique of coaching. Open to advanced undergraduate and to graduate students.

2 hours, second semester. (2 units)

127-128. Practice Teaching.

Open to advanced undergraduates and to graduate students.

Prerequisite, Education 125.

4 hours, throughout the year. (4 units)

- Hygiene and Public Health 101. (2 units)
Hygiene and Public Health 104. (3 units)
Hygiene and Public Health 105-106. (6 units)
Zoology 101. (2 units)
Zoology 108. (3 units)
Zoology 108L. (2 units)

PHYSICAL EDUCATION FOR WOMEN

Associate Professor Fardelius

Mrs. Swartz

Miss Biller

Major. A minimum of eighteen units in upper division courses of this department and the department of Hygiene. The following courses should be included: Physical Education for Women 103, 104, 105, 106, 127, 128; Hygiene 108 L, 110.

Minor. Six or more units in the upper division

Prerequisite to the major or minor: Physical Education for Women 1, 2, 3, 4, 5, 6, 7, 8, 9, 10; Hygiene 1, 2, 3, 4.

It is the aim of this department to correct physical defects; encourage equal development of mind and body by promoting vigorous health; develop leaders in club and church recreation and in playground; and to train physical directors for educational institutions. A physical examination is given each student at the beginning of each year.

All applicants for the State Special Credential in Physical Education should consult the department.

A two-dollar fee is required for enrollment in any of the courses numbered from 1 to 8.

LOWER DIVISION COURSES

1-2. Required of Freshmen.

SWARTZ

Section 1, regular; Section 2, corrective.

2 hours, throughout the year. (1 unit)

3-4. Required of Sophomores.

SWARTZ

Section 1, regular; Section 2, corrective.

2 hours, throughout the year. (1 unit)

5-6. Sports.

BILLER, SWARTZ

5a-6a, Basketball; 5b-6b, Indoor Baseball; 5c-6c, Hockey; 5d-6d, Tennis; 5e-6e, Swimming.

2 hours, throughout the year. (No credit)

7-8. Rhythmic Gymnastics.

SWARTZ

2 hours, throughout the year. (2 units)

9-10. Play Activities.

BILLER

Methods of organizing and conducting social and recreational activities in churches, clubs, and school playgrounds.

1 hour, throughout the year. (2 units)

UPPER DIVISION COURSES

101. History and Development of Physical Education. FARDELIUS
Given in alternate years. Given in 1923-24.

Prerequisite, junior standing.

3 hours, first semester. (3 units)

102. Principles of Adaptation of Activities. FARDELIUS

Prerequisite, courses 5-6 and 9-10.

2 hours, first semester. (2 units)

103. Theory of Teaching and Leadership. FARDELIUS

Open to graduate students.

Prerequisite, course 102.

2 hours, second semester. (2 units)

104. Applied Methods in Play Activities. SWARTZ

Methods of organizing and conducting massed athletics. Open to graduate students.

3 hours, first semester. (3 units)

105. Applied Methods in Formal Activities. SWARTZ

Methods of conducting postural instruction, marching and gymnastic drills, and special corrective exercises.

3 hours, second semester. (3 units)

106. Administration of Physical Education Department.

FARDELIUS

Organization and staff planning and constructing the gymnasium, arrangement and care of equipment, programming, schedules. To be taken in conjunction with practice teaching.

2 hours, second semester. (2 units)

127-128. Practice Teaching. FARDELIUS

Open to graduate students.

4 hours, throughout the year. (4 units)

PHYSICS

Professor Shedd

Assistant Professor Morse

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2, 1L-2L, 5-6, 5L-6L; differential and integral calculus. Recommended: a reading knowledge of French and German.

LOWER DIVISION COURSES

1-2. General Physics.

Must be accompanied by course 1L-2L.

Prerequisite, high school physics, trigonometry completed or in progress. Text, Ferry.

3 hours, throughout the year. (6 units)

1L-2L. General Physics Laboratory.

Completion each semester of 15 experiments selected to meet the needs and purpose of the student. To accompany course 1-2.

1 laboratory period, throughout the year. (2 units)

5-6. Problems.

Text: Henderson's Problems in Physics.

Prerequisite, course 1-2 completed or in progress and facility with the slide rule.

2 hours, throughout the year. (2 or 4 units)

5L-6L. Problems: Laboratory.

Laboratory to accompany course 5-6.

Prerequisite, course 5-6 completed or in progress.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

101-102. Physical Chemistry.

Given by the department of Chemistry but may be accepted as an upper division course in Physics.

1 hour, throughout the year. (2 units)

121-122. Theory of Electricity and Magnetism.

First semester, direct current work; second semester, alternating current work. Recitations, problems, and reports on special assignments. Text, Timbie.

3 hours, throughout the year. (6 units)

121L-122L. Electricity, Magnetism: Laboratory.

1 or 2 laboratory periods, throughout the year. (2 or 4 units)

123-124. Theoretical Mechanics.

MORSE

Requires a knowledge of differential and integral calculus.

3 hours, throughout the year. (6 units)

125. Theory of Light.

The fundamental principles of mirrors, prisms, and lenses. Optical instruments and theories of light. Offered in 1923-24.

2 hours, first semester. (2 units)

125L. Light Laboratory.

To accompany course 125. Offered in 1923-24.

1 or 2 laboratory periods, first semester. (1 or 2 units)

127. Theory of Waves and Wave Motion.

Begins with the consideration of the theorems of acoustics and continues with a study of waves used in radio communication. Open to seniors and graduate students.

2 hours, one semester.

127L. Waves and Wave Motion: Laboratory.

To accompany course 127.

1 or 2 laboratory periods, one semester.

128. Theory of Heat.

The determination of heat constants. Elements of thermodynamics.

2 hours, second semester. (2 units)

128L. Heat Laboratory.

To accompany course 128.

1 or 2 laboratory periods, second semester. (1 or 2 units)

132. Precision of Measurements and Graphic Methods.

Goodwin's text is used. Requires a knowledge of differential and integral calculus. Not offered in 1923-24.

2 hours, second semester. (2 units)

135-136. Introduction to Modern Theories of Physics.

Open to seniors and graduate students.

3 hours, throughout the year. (6 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

POLITICAL SCIENCE

Professor Bird

Mr. Landreth

Major. A minimum of eighteen units in the upper division. This should include courses 101, 102, 211-212, and either 115-116 or 117-118. Certain related courses in Economics and History may also be credited toward the major.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: Political Science 1-2, and either Economics 1-2 or a year course in History. It is recommended that all students majoring in the department, especially those who expect to pursue graduate work, should equip themselves with a reading knowledge of Latin, French, or German.

LOWER DIVISION COURSES

1-2. Principles of Government.

A course to furnish perspective for the understanding of modern political problems, and to provide a basis for advanced work in the department.

Prerequisite, sophomore standing.

3 hours, throughout the year. (6 units)

12. Business Law.

The main principles of the law of contracts, agency, partnership, corporations, personal and real property, suretyship and guaranty insurance, and estates of decedents.

Given in alternate years. Not given in 1923-24.

3 hours, second semester.

UPPER DIVISION COURSES

Course 1-2, or Economics 1-2, or 6 units of History, together with junior standing, are prerequisite to all upper division courses in this department. Certain of the upper division courses may be elected for graduate credit.

101. National Government of the United States.

3 hours, first semester.

102. State and Local Government in the United States.

3 hours, second semester.

103. American Diplomacy.

The history and conduct of American foreign relations.

3 hours, first semester.

104. The United States and International Organization.

A study of the existing system of international organization and the possibilities of future development and expansion.

3 hours, second semester.

111. Governments and Politics in Europe.

A comparative study of the chief governments of Europe with especial attention to the present trend of European politics. Given in alternate years. Not given in 1923-24.

2 hours, first semester.

112. The New European Constitutions.

Analysis of the fundamental laws of European states adopted since the World War, and consideration of recent developments in political and social democracy. Given in alternate years. Not given in 1923-24.

2 hours, second semester.

115-116. International Law.

Credit given only for the completion of the work of both semesters. Given in alternate years with 117-118. Not given in 1923-24.

2 hours, throughout the year. (4 units)

117-118. Constitutional Law.

Given in alternate years with 115-116. Given in 1923-24.

2 hours, throughout the year. (4 units)

GRADUATE COURSES

With the approval of the instructor in charge, the following courses are open to undergraduates with advanced standing.

203. Socialism and Concurrent Movements.

Consideration of the theory, application, and limits of Socialism, Communism, Anarchism, Syndicalism, and the Single Tax, from the point of view of government.

2 hours, first semester.

204. Government and Labor.

The legal status of organized labor with especial reference to laws and court decisions relating to strikes, lockouts, boycotts, and injunctions; adoption and operation of labor legislation in the United States and other countries; influence and accomplishments of international labor organizations and the International

Labor Bureau of the League of Nations; compulsory arbitration and industrial courts.

2 hours, second semester.

211-212. Seminar.

1 hour, throughout the year. (2 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

RELIGIOUS EDUCATION

President Bird

Associate Professor Erdman

Mr. Murdoch

Members of Other Departments

A two-hour course in this department must be taken one semester of each year spent at Occidental. Freshmen will take course 1 in the first semester. The remainder of the work is so arranged that a student may, if he desires, take two hours a week in fundamental Bible courses through the entire four years.

The following courses may not all be given in any one year.

LOWER DIVISION COURSES

1. Life of Jesus.

"His Life," a compilation in the form of a complete story and in the words of the four gospels, is used as the text. Required of freshmen.

2 hours, first semester.

2. Life and Letters of Paul.

A comprehensive study of Paul's life and writings as recorded in Acts of Apostles and in the Epistles.

2 hours, second semester.

3. Old Testament History.

Studied with reference to the development of the life, social institutions, and religious teachings.

2 hours, first semester.

4. Isaiah and the Minor Prophets.

A study of these prophets in their historic setting and social background

2 hours, second semester.

5-6. Advanced Course in Biblical Interpretation.

Material to be selected from year to year.

2 hours, throughout the year. (4 units)

8. The Gospel of John.

A detailed study of the book.

2 hours, second semester.

11. Selected Letters of Paul.

A course in the Greek text, varying from year to year and allowing repetition without covering the same ground twice. Identical with Greek 11.

Prerequisite, Greek 2.

3 hours, first semester.

12. Hebrews, the Catholic Epistles, Other Non-Narrative Portions of the New Testament.

A course in the Greek text, varying from year to year and allowing repetition without covering the same ground twice or overlapping course 11. Identical with Greek 12.

Prerequisite, Greek 2.

3 hours, second semester.

UPPER DIVISION COURSES

103. Ethics.

Identical with Philosophy 103.

Prerequisite, Philosophy 2 and 11-12.

3 hours, first semester.

105. Philosophy of Religion.

Theism. Identical with Philosophy 105.

Prerequisite, Philosophy 2 and 11-12.

3 hours, first semester.

106. Comparative Religion.

Identical with Philosophy 106.

Prerequisite, Philosophy 2 and 11-12.

2 hours, second semester.

SPANISH

Professor Allison

Professor Bell

Assistant Professor Wiley

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalent. The attention of students majoring in this department is called to History 107-108, 109, 110, 112, and to Economics 111.

Under certain conditions courses 107 to 112 may be elected for graduate credit.

LOWER DIVISION COURSES

1-2. Elementary Spanish.

ALLISON IN CHARGE

Students presenting two years of high school Spanish may enter this course at the beginning of the second semester.

5 hours, throughout the year. (10 units)

3-4. Novel and Drama.

ALLISON IN CHARGE

Prerequisite, course 1-2 or three years of high school Spanish.
3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. History of Spanish Literature.

ALLISON

A general survey of Spanish literature from the beginnings to the present time in its historical and cultural background, with a study of important masterpieces. Alternates with course 105-106. Not given in 1923-24.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

103-104. Advanced Composition and Conversation.

ALLISON

Prerequisites, course 3-4 and 101-102 or 105-106, completed or in progress.

3 hours, throughout the year. (6 units)

105-106. Spanish-American Literature.

ALLISON

A study of the principal authors of Hispano-America.

Prerequisite, course 3-4. Alternates with course 101-102.

3 hours, throughout the year. (6 units)

107-108. Nineteenth Century Literature.

WILEY

A survey of the drama, novel, essay, and lyric from the romantic period to 1890. Alternates with course 109-110.

Prerequisite course 101-102 or 105-106.

3 hours, throughout the year. (6 units.)

109-110. Contemporary Literature.

WILEY

A study of the modern drama and modern novel. Alternates with course 107-108. Not given in 1923-24.

Prerequisite, course 101-102 or 105-106.

3 hours, throughout the year. (6 units)

111-112. The Literature of the Golden Age.

WILEY

A study of the dramatists, with special attention to Lope de Vega, Calderón, and Tirso de Molina, and of the prose writers, especially Cervantes.

Prerequisite, course 101-102 or 105-106.

3 hours, throughout the year. (6 units)

201. Teachers' Course.

ALLISON

See Education 201.

2 hours, second semester.

ZOOLOGY

Professor Esterly

Dr. Comstock

Mr. Selle

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division, including 101L, and either 102 and 102L, or 104 and 104L.

Prerequisite to the major: Courses 1-2 and 1L-2L; Botany 1-2.

Prerequisite to the minor: Courses 1-2 and 1L-2L.

LOWER DIVISION COURSES

- 1-2. Principles of Zoology.** ESTERLY
 Students in the Pre-Nursing group must take both 1-2 and 1L-2L in their freshman year.
 Prerequisite, except as above stated, sophomore standing.
 3 hours, throughout the year. (6 units)
- 1L-2L. General Zoology Laboratory.** SELLE
 Prerequisite, course 1-2 completed or in progress.
 2 laboratory periods weekly, throughout the year. (4 units.)
- 15. Entomology.** COMSTOCK
 2 hours, second semester. (2 units)
- 15L. Entomology Laboratory.** COMSTOCK
 Especially valuable for those intending to study agriculture.
 Prerequisite, course 15 completed or in progress.
 1 laboratory unit weekly, second semester. (1 unit)

UPPER DIVISION COURSES

- 101. Comparative Anatomy of Vertebrates.** ESTERLY
 Prerequisite, courses 1-2 and 1L-2L.
 2 hours, first semester. (2 units)
- 101L. Mammalian Anatomy.** ESTERLY
 Prerequisite, courses 1-2 and 1L-2L.
 Six or nine hours in the laboratory weekly, first semester. (2 or 3 units, 3 being required in the Pre-Nursing course)
- 102. Histology.** ESTERLY
 Given alternately with course 105; not given in 1923-24.
 Prerequisite, course 101L.
 2 hours, second semester. (2 units)
- 102L. Histology Laboratory.** ESTERLY
 Given in the same years as Course 102; not given in 1923-24.
 Prerequisite, course 101L, 102 completed or in progress.
 Six hours in the laboratory weekly, second semester. (2 units)
- 104. Vertebrate Embryology.** ESTERLY
 Given alternately with Course 102; given in 1922-23.
 Prerequisite, course 101L.
 2 hours, second semester. (2 units)
- 104L. Embryology Laboratory.** ESTERLY
 Given in the same years as course 104; given in 1922-23.
 Prerequisite, course 101L, 104 completed or in progress.
 Six hours in the laboratory weekly, second semester. (2 units)
- 108. Human Physiology.** ESTERLY
 Prerequisite, course 101L, but may be taken as a lower division course with course 1 as the only prerequisite. Not to be counted toward the lower division requirement in science.
 3 hours, second semester. (3 units)

108L. Human Physiology Laboratory.

SELLE

A laboratory course to accompany course 108. May be counted as an upper division course if taken with the proper prerequisites.

2 laboratory periods, second semester. (2 units)

121. Advanced Laboratory.

ESTERLY

The student works independently on a chosen topic. The results are embodied in a required paper at the end of the course. Open to seniors and graduate students only.

Prerequisite, course 101L, with either 102 and 102L, or 104 and 104L.

Three or more hours in the laboratory weekly, first semester.
(1 unit for each three hours)

201. Teachers' Course.

ESTERLY

See Education 201.

Two hours, first semester.

GENERAL INFORMATION

DORMITORY

Men students planning to enter Occidental College may make application to the Dean to have their names placed on a list of applicants for rooms in James Swan Hall, a strictly fire-proof dormitory, heated by steam, lighted by electricity, and abundantly supplied with bathrooms and sleeping porches. A permanent list for choice and assignment of rooms is kept for each class; and as the order of names on the lists is determined by dates of application, students are advised to make early reservations.

A deposit of five dollars, to be applied on rental, is required at the time of application for a room. This deposit will not be returned in case of failure to occupy the room.

Rooms are rented at the rate of fifty dollars a semester for each occupant, or seventy-five dollars in the case of corner rooms. No contract is for less than a semester, and a student who seeks lodging elsewhere after the semester has begun is not thereby freed from any portion of the rental. Forfeiture of deposit does not imply the right of any registered student to cancel his contract for the rental of a room. When a student is compelled to withdraw from college on account of sickness a reasonable refund will be made from the rental, which is payable in advance.

One student may engage one-half of a double room, but if he names no roommate, the College reserves the right to assign the other half of the room to an applicant of its own selection. The right to occupy a room is given only to the student to whom the room is assigned and to his roommate. The occupants of a room are held responsible for any disorder occurring therein, and a breakage deposit of five dollars is required of every occupant of a room at the beginning of each semester. The residue of this deposit will be returned after deducting each student's pro rata of the damage sustained by the building and furniture during each semester.

The building has full janitor service. The College supplies furniture and bedding, an equal amount to each student, with sanitary laundering of the bedding. Occupants of rooms must furnish their own towels and provide for laundering them. The College furnishes light and heat.

The College reserves the right to exclude from the dormitory any undesirable occupant.

Residence in the dormitory insures convenient and comfortable housing and identifies the student with the social unity of the College in a manner not otherwise possible.

THE COMMONS

The College Commons, one of the enterprises of the Associated Students of Occidental College, is conducted on a coöperative basis under the supervision of the Graduate Manager. Regular meals are provided for the members of the College and the community. The luncheons, served on the cafeteria plan, accommodate the entire student body. The aim of the Commons is to convenience the students in procuring wholesome food at prices lower than those prevailing at the usual commercial establishments.

Certain social activities of the College and its community also find here a common center of interest. The various clubs within the student body and faculty, as well as those connected with the institution at large, as the Occidental Women's Club and Alumni Association, hold frequent dinners and social meetings in the rooms provided for these purposes.

The management employs student help wherever practicable, insuring a means of partial self-support to many students.

REGULATIONS REGARDING SOCIAL LIFE

The College attempts to exercise judicious control over the social life of its students through a system of regulations governing their living and activities. Students are required to keep reasonable hours and to conduct themselves with propriety at all times. A copy of the rules governing the social life of the students may be obtained from the Dean.

RESIDENCES FOR STUDENTS

For all students not living at home or in the dormitories, places of residence are provided by means of a system of approved and registered lodging and boarding accommodations. All students not living in these quarters must have their places of residence approved by the administration.

Suitable quarters for resident women students are provided in a number of homes on the edge of the campus, each of which is presided over by a house-mother. These homes, accommodat-

ing groups ranging in number from five to twenty-five, afford a maximum of comfort at the lowest possible expense.

All homes that are used as places of residence by women students must be registered in the office of the Dean of Women.

COLLEGE ASSEMBLIES

The weekly College Assembly, the Student Assemblies, and the chapel exercises, characterize the unanimty of Occidental life. The student gatherings discuss and deal with all activities organized under the Student Body constitution, as well as other interests of student concern. The weekly Assembly, at which seniors and faculty appear in academic dress, is the formal convocation of the entire college. It is addressed regularly by eminent men and women, often of national and international recognition, on topics vital to our social structure. On other days of the week brief morning prayers are conducted in the Chapel.

RELIGIOUS PRIVILEGES

The purpose of Occidental College is to fit young men and women for life in its largest sense under distinctively Christian influences. Various religious privileges, in addition to the formal chapel exercises of the College, contribute to the atmosphere of Christian culture surrounding the student.

The Y.M.C.A. and Y.W.C.A. are both represented by strong organizations, active and effective in student life. Their weekly meetings are addressed by influential speakers; definite work is carried on by both in social service; voluntary Bible and mission-study classes are maintained during the year. Both organizations assist new students in entering the social life of the College; each year they publish the *Handbook*, an official guide to Occidental traditions; each renders an important service through Self-Help Bureaus, conducted for the benefit of those who seek to earn a part of their expenses during the college year. Both societies are supported by a large majority of the members of the student body.

The Student Volunteer Band, a particularly strong organization, is a constant stimulus to the religious life of the College. Largely through its influence Occidental now has a representation of more than fifty men and women on foreign mission fields.

Churches in the vicinity of the College give special attention to student constituency, while the larger churches of the city offer religious privileges of exceptional merit.

STUDENT ORGANIZATIONS AND ACTIVITIES

THE ASSOCIATED STUDENTS OF OCCIDENTAL COLLEGE

The organization of the Associated Students of Occidental College, chartered under the student body constitution, controls all student enterprises. It functions through its Executive Committee, which is composed of the officers of the Association, the Graduate Manager, and one representative from each of the following: Alumni, Athletics, Faculty, Forensics, *The Occidental*, and the Associated Women Students. All students are members of the organization. By voluntary assessment, each member pays five dollars each semester to the College treasury as an Associated Student Fund, which is disbursed by the association in the furtherance and maintenance of various student activities. Each student in return receives a ticket to various public games and entertainments, and in general shares in the benefits of the Association.

The officers and members of the Executive Committee for the year 1922-23 are:

WILLIAM H. SLOAN.....	<i>President</i>
FLORENCE KENWORTHY.....	<i>Vice-President</i>
KATHERINE STONE.....	<i>Secretary</i>
FRED F. McLAIN.....	} <i>Graduate Manager</i> <i>Alumni Representative</i>
SARAH LINDSEY.....	
JEAN CORY.....	<i>President Associated Women Students</i>
THURSTON HARSHMAN.....	<i>Athletic Representative</i>
HAROLD REAVIS.....	<i>Oratorical Representative</i>
DR. W. D. WARD.....	<i>Editor 'The Occidental'</i>
	<i>Faculty Representative</i>

THE ASSOCIATED WOMEN STUDENTS

The Associated Women Students, an organization to which all women students automatically belong, fosters and promotes those college interests with which its members as a unit are particularly concerned. It controls all intercollegiate activities of women students, including forensics and athletics, and meets at various times during the year in a social way. Through it the members of the upper classes make an effort at the beginning of the year to establish right social relationships for those women entering the College. It annually elects The Women's Tribunal, a court composed of six members from the upper classes, which meets regularly in furtherance of the traditions and ideals of the College. The president is *ex-officio* a member of the Executive Committee of the Associated Students, and of the Student Affairs Committee.

The organization is a member of the Southern California Inter-collegiate Conference of Associated Women Students.

The officers for the year 1922-23 are:

SARAH LINDSEY.....	<i>President</i>
BESSIE MILLER.....	<i>Vice-President</i>
CHARLOTTE McGRATH.....	<i>Secretary</i>
DOROTHY GARSTANG.....	<i>Treasurer</i>
BETH DEAN.....	<i>Oratorical Representative</i>
LOUISE McKEE.....	<i>Athletic Representative</i>

FORENSICS

The College offers those students interested in forensics ample opportunity to engage in its various activities. Both the men and the women students maintain collegiate membership in intercollegiate debating, oratorical, and extemporaneous speaking leagues among the colleges of southern California. Annually the men's debating teams meet those of representative institutions in other sections of the country. In 1921-22 the schedule of intercollegiate debates with colleges outside of the State included Butler College, Miami University, Ohio Wesleyan University, Oregon Agricultural College, Transylvania College, and the University of North Dakota; in 1922-23, Beloit College, Brigham Young College, College of the Pacific, Denver University, Gonzaga University, and the University of Maine.

Chapters of Tau Kappa Alpha and Pi Kappa Delta, national honorary forensic societies, are well established in the College.

THE BOOK STORE

The Occidental Book Store, an Associated Student enterprise conducted under the Graduate Manager, furnishes text-books and student supplies at rates below the usual retail prices. It also provides a medium through which students may dispose of used text-books. All profits from the store go to the support of student activities.

STUDENT PUBLICATIONS

The College newspaper, *The Occidental*, edited and managed by an organized staff of the students of the College, appears weekly during the college year. The student annual, *La Encina*, is published in May by the junior class. The Press Club issues *The Sabre Tooth*, a literary magazine containing the work of students. A *Handbook* of information is issued at the beginning of each year by the Y.M.C.A. and Y.W.C.A.

ATHLETICS

As a part of the work of the department of Physical Education various forms of competitive intercollegiate athletics are engaged in by the College. The Southern California Conference, composed of California Institute of Technology, Pomona, Redlands, Southern Branch of the University of California, Whittier, and Occidental, annually officially schedules games in the various sports under conference rulings. Games in the major sports are also scheduled with teams outside of the Conference.

THE GLEE CLUBS

Both the men and women of the College maintain Glee Clubs. Membership in each is based upon ability shown in competitive trials at the opening of the college year. Besides furnishing music at various exercises of the College, each Club annually gives a concert. During vacations, the Men's Club regularly visits a number of towns and cities within the State. Each Club contributes in notable degree to the social and artistic life of its members and to the musical interests of the College.

MODERN LANGUAGE CLUBS

Le Cercle Francais and El Círculo Español are two social organizations of the students who are studying French and Spanish respectively. The object of each is to familiarize its members with conversational use of the language and the culture of its people.

OTHER STUDENT SOCIETIES

The literary societies maintained by the students of the College include Press Club, the Forum Debating Society, and four general literary societies of the usual type: Lowell and Stevenson, composed of men; and Dial and Laurean, composed of women.

The scientific and professional societies include the Burke Economics Club, Pi Epsilon Pre-Engineering Society, the Pre-Legal Society, the Science Club, and Theta Pre-Medic Fraternity.

Societies interested in art are Arden Dramatic Society, The Daubers, and Theta Alpha Phi, national honorary dramatic fraternity.

Social organizations, among both men and women, maintain themselves in the College. In 1922 the faculty ruling against national fraternities was removed. All fraternities, including the various house clubs, are under the supervisory jurisdiction of a faculty Committee on Fraternities.

DEGREES CONFERRED IN 1922

DOCTOR OF LAWS

Robert Dollar

William E. Parker

BACHELOR OF ARTS

Anderson, Annie,	Johnson, Woodbridge O Jr.
Annin, Mary Hester	Kendall, Atwood Reuel
Baker, Evalena	Knight, Lethe F.
Becker, Doris	Lawyer, Allan Harry
Bennett, Mildred	Leech, Lela M.
Bennetts, Francis L.	Linneman, Jessica
Bigsby, Carl M.	Long, Walter H.
Boeckenoogen, Gladys H.	MacRae, Allan A.
Brahams, Raymond	McClellan, Harold C.
Burns, William Bertram	McDill, Mary
Campbell, Lucile	McNichols, Lester Allen
Carlson, Amy C.	Marx, Walter Holden
Center, Edward Livingston	Messelheiser, Florence B.
Clark, Emma Louisa	Moe, Ophelia
Coutts, Elizabeth M.	Newby, Ruth
Craigmile, Ella May	Norton, Victor Collier
Davidson, John Steele	Peck, Georgia J.
Dean, George Campbell	Petchner, Miriam
Ducey, Clara I.	Poplin, Portia
Dunlap, Andrew	Powers, Robert Armand
Eggleston, Edward L.	Quickenden, Beatrice
Espy, Muriel	Richards, R. May
Faulker, Dorothy	Savage, Helen M.
Franklin, Altharetta	Schaul, Mary Virginia
Godber, Ellen Adair	Shenk, John Frederick
Gwin, Virginia Helen	Smith, Lois
Hagan, Nell	Taubman, Margaret W.
Hanes, Miriam Susie	Todd, Dorothy L.
Harper, Alta Jane	Veysey, Inez
Hendry, Lorraine P.	Vinetz, Joseph Charles
Hohfelder, Elizabeth Vida	Welsh, Henry Ward
Hurlburt, Paul F. E.	Wiggins, Ira L.

BACHELOR OF SCIENCE

Herr, Charles Raymond
Laverty, Finley Burnap

Martin, Arthur Rollin
Robertson, Donald John

HONORS AWARDED IN 1922

CLASS HONORS

FIRST FRESHMAN

Jones, Edward H.
Ridderhof, Amy

SECOND FRESHMAN

Bell, Esther
Bickenback, Clara
Bohland, Hilda
Brockman, Dorothy
Brooks, Ruth
Carter, Paul C.
Crist, Marion L.
Davies, Dorothy L.
Gunn, Harriet G.
Hunt, Ethel L.
King, Marchant A.
Mantle, Verne
Moore, Merritt Hadden
Moore, Mary Katharine
Needham, Ruth
Stevenson, Robert
Zellhoefer, Mildred L.

FIRST SOPHOMORE

Corbett, Isabel
Meese, Katherine

SECOND SOPHOMORE

Brown, Lenora
Dean, Beth
Giffen, Ernest C.
Hege, Mildred
Luse, Leslie L.
Robinson, Ruby

SECOND JUNIOR

Atkinson, Barnett
Davidson, David J.
Ellerman, Louise
Gifford, Brooks
Hoenshel, Helen
Leonard, Albert F.
Pierce, Helen
Watling, Robert G.
Werdin, Grace

FIRST SENIOR

Becker, Doris

SECOND SENIOR

Annin, Mary H.
Bennett, Mildred
Bigsby, Carl M.
Carlson, Amy C.
Craigmile, Ella
Dean, George Campbell
Johnson, Woodbridge
Linneman, Jessica
MacRae, Allan
Moe, Ophelia
Peck, Georgia J.
Poplin, Portia
Quickenden, Beatrice
Smith, Lois
Todd, Dorothy
Welsh, Henry W.
Wiggins, Ira L.
Vinetz, Joseph C.

FINAL HONORS

FIRST

MacRae, Allan A.
Valedictorian
Dean, George Campbell
Salutatorian

SECOND

Annin, Mary H.
Bigsby, Carl M.
Bennett, Mildred

Coutts, Elizabeth M.
Craigmile, Ella
Dean, George Campbell
Linneman, Jessica
MacRae, Allan
Peck, Georgia
Poplin, Portia
Smith, Lois
Veysey, Inez
Wiggins, Ira L.

ELECTED TO THE HONOR SOCIETY

Annin, Mary H.
Becker, Doris
Bennett, Mildred
Bigsby, Carl
Craigmile, Ella

Dean, George Campbell
MacRae, Allan A.
Smith, Lois
Wiggins, Ira L.

DEPARTMENTAL HONORS

Becker, Doris—English

PRIZES IN RELIGIOUS EDUCATION

First Prize, \$25.00—Edward H. Jones, '25
Second Prize, \$15.00—Katherine Meese, '24
Third Prize, \$10.00—Amy Ridderhof, '25

REGISTER OF STUDENTS

1922-1923

All home addresses are in the state of California and city of Los Angeles, unless stated to be elsewhere.

(¹) First semester only; (²) second semester only.

GRADUATE STUDENTS

Alcock, Roscoe W., A. B. Occidental College, 1921	English	Fillmore
² Allen, G. Nathan, A. B. Occidental College, Feb. 1923	English	Santa Ana
Angus, Marguerite Chapman, A. B. Occidental College, 1921	History	Arcadia
Baker, Evalena, A. B. Occidental College, 1922	English	Fillmore
Cornelius, Teresa, A. B. Occidental College, 1916	Botany	1120 E. Colo., Eagle Rock
Coutts, Elizabeth M., A. B. Occidental College, 1922	History	1502 Fremont, So. Pasadena
Craigmile, Ella M., A. B. Occidental College, 1922	English	5614 Irvington Place
² Grimm, Flora, A. B. Occidental College, Feb. 1923	English	223 Fairmont, Eagle Rock
Hanes, Miriam S., A. B. Occidental College, 1922	English	640 Dalton Ave., Azusa
Haupt, Dorothea, A. B. Occidental College, 1921	Education	408 W. Avenue 54
Knight, Lethe, A. B. Occidental College, 1922	English	1412 Palm Terrace, Pasadena
Mullen, Dorothy Reynolds, A. B. Occidental College, 1921	French	129 W. Raymond, Compton
MacRae, Allan, A. B. Occidental College, 1922	History	446 W. Avenue 56
McDill, Mary, A. B. Occidental College, 1922	English	1451 E. Wilson, Glendale
² Peck, Georgia J., A. B. Occidental College, 1922	History	1461 Carroll Ave.
Polhamus, Aileen, A. B. Occidental College, 1919	History	332 N. Raymond, Pasadena
Schneider, George U. S. Naval Academy, Annapolis, 1921	Political Science	844 N. Los Robles, Pasadena
¹ Taubman, Margaret, A. B. Occidental College, 1922	English	1085 Elm Ave., Long Beach
Vesey, Inez, A. B. Occidental College, 1922	English	210 Linden Way, Eagle Rock
Wiechman, Janet B., A. B. Occidental College, 1918	French	5029 Lincoln Ave.
Wiggins, Ira Loren, A. B. Occidental College, 1922	Botany	Bidwell Hall, Chico

SENIORS—CLASS OF 1923

² Adams, Walter	1549 Whitfield Rd., Pasadena
Allen, Nathan G.	402 Vance, Santa Ana
Allison, Theodore	829 Washington Pl., Long Beach
Angell, John	Phoenix, Ore.
Armstrong, John F.	608 E. Ave. 60
Atkinson, Barnett	1023 Fremont, S. Pasadena
Betts, Wm. G.	1723½ Ocean Ave., Santa Monica
¹ Bleecker, Averick	182 S. Hill, Pasadena
Blohm, Evangeline	328 W. Mariposa, Eagle Rock
Brewster, Metta	1422 Armadale
Bruce, Jane	754 Kensington Road
² Carver, Vera	1000 San Fernando Rd., Glendale
Clos, Leonie	936 Summit Ave.
Corbett, Robert	Jamestown, Pa.
Coulson, Ireta	341 W. 19th, Santa Ana
Croswell, Gladys	3721 Vermont, Long Beach
Davidson, Dave	Tierro, N. M.
Ellerman, Louise	141 S. Hudson, Pasadena
Erwin, Thomas	Box 243, El Monte
Fessenden, Alvah	San Bernardino
Fisher, Angie	1257 La Brae, Hollywood
¹ Fisk, Henry	116 E. Lime, Monrovia
Gifford, Brooks	1231 S. El Molino, Pasadena
Grimm, Flora	223 Fairmont, Eagle Rock
Hadden, Paul	1144 Oxley, S. Pasadena
Hagin, Alice	144 N. Orange, Glendale
Heacock, Florence	709 E. Windsor Rd., Glendale
Higley, Gladys	Rutland, Ohio
Hoenshel, Helen	Garden Grove
Holcomb, Katherine	523 Hollingsworth Blvd.
Hull, Carroll	Yakima, Wash.
Ingle due, Elwood	501 E. Wilson, Glendale
James, Robert	5026 Meridian
Jeter, Bessie	206 N. Hartwick, Eagle Rock
Jillson, Anna	250 Paloma, Eagle Rock
Kenworthy, Florence	171 S. Ellis, Eagle Rock
Langsdorf, Wilhelmina	1008 N. Hudson, Pasadena
Lassalette, Amelie	Puente
Lawson, Bruce	5687 Hub St.
Leonard, Albert	322 Cajou, Redlands
Lindley, Clara	Dinuba
Lindsey, Sarah	1159 S. Norton
Meese, Katherine	235 E. Adams, Eagle Rock
MacDonald, Katharine	220 S. Curtis, Alhambra
Marble, Elizabeth	R. F. D. 1, Santa Barbara
McCollum, Ethel	498 Champlain, Pasadena
Millar, Helen	Pacific Beach
Millard, Avis	352 Temple St., Long Beach
Miller, Bessie	1059 W. 2nd St., Santa Ana
Miller, Margaret	1628 Monroe St., Spokane, Wash.
Moore, Glenn	5667 Irvington Pl.

Newhouse, Eva	230 N. Satsuma, Eagle Rock
Odell, Margaret	264 S. Meredith, Pasadena
Pinkerton, Susan	Santa Paula
Ray, Raymond	536 N. Alexandria
Rice, H. Edison	1980 E. Villa, Pasadena
Rigby, John	Fowler
² Sanders, Yula	Glendora
Sawyer, Louise	1283 Bresee Ave., Pasadena
Schenck, Doris	San Luis Obispo
Sloan, William H.	232 E. Sycamore, Eagle Rock
Stone, Katherine	670 S. Euclid, Pasadena
Timmons, Howard	El Monte
Veghte, Adeline	1148 Constance, Pasadena
Veghte, Helen	1148 Constance, Pasadena
Waite, Byron	304 E. 8th, Winfield, Kan.
Walker, Donald	Anaheim
Walker, Virginia Lee	1900 Paloma, Pasadena
Watling, Robert	Redlands
Watts, J. Hampton	Westminster
Welton, Harold	Fullerton
Werdin, Grace	1570 S. Hobart Blvd.
Williams, Donald	218 Loma Ave., Long Beach

JUNIORS—CLASS OF 1924

Anderson, Janet	Bible Institute
Argue, Clifford	Oxnard
¹ Aten, Ildene	1045 N. Normandie
Atkinson, Alice	1023 Fremont, S. Pasadena
Atkinson, Irene	1023 Fremont, S. Pasadena
Blydenstein, Elizabeth	Arvia
Breeze, Dwight	Newman
Brown, Lenora	25 Orange Pl., Pasadena
Carney, Lucile	2703 Ocean Front, Venice
Chaffee, Wilber	Boise, Idaho
Chandler, Lewis	955 El Molina
Christensen, Helen	528 Rampart Blvd.
Clark, Wallace	595 N. Chester, Pasadena
Corbett, Isabel	Binkley Apts., El Paso, Texas
Cory, Jean	210 N. Lake Ave., Pasadena
Cosgrove, John	1185 Erie St., Pasadena
Crawford, Willie Mae	203 Palm Dr., Watts
Czerniski, Lorene	La Cresenta
Davis, Julia	1253½ W. 31st St.
Davis, Lawrence	Woodlake
Dean, Beth	1726 Phillips Way
Ellsworth, Phillip	5552 Carlton Way
¹ Enderle, Margaret	463 S. Los Robles, Pasadena
¹ Flannery, Gladys	1485 Mountain View, Pasadena
Fowler, Doris	1717 Fair Oaks, S. Pasadena
Garstang, Dorothy	617 N. Ross, Santa Ana
Giffen, Ernest	1543 W. Ave. 46

Goodenough, Leroy	Fillmore
Hamilton, Herbert	2413 4th St., Santa Monica
Harlan, Leslie	1118 E. Tenth St.
Harshman, Thurston	3812 S. Hobart
Haynes, Irving	440 Kensington Pl., Pasadena
Hege, Mildred	123 Windermere, Eagle Rock
Holcomb, Georgia	116 Calaveras, Fresno
Jackson, Alice	Mission Ridge, Santa Barbara
James, Edwarda	2703 W. Ninth
Johnson, Cornelia	2504 A St., San Diego
Jones, Bernice	Santa Paula
Kaljia, Elsie	Fresno
Kenworthy, Clifford	171 S. Ellis, Eagle Rock
Klinthorn, Sophia	5029 Lincoln Ave.
Moore, Merritt	5327 Abbott Pl.
Morrow, Clair	120 N. Satsuma, Eagle Rock
Mussen, Mary	363 S. Bonnie Brae
Macpherson, Margaret	1120 Atchison, Pasadena
McCracken, Faith	Dinuba
¹ McCollum, Emabel	5029 Lincoln Ave.
McGee, White	241 N. Grandview, Eagle Rock
McGrath, Charlotte	117 Lafayette Park Pl.
McKee, Katherine	1020 Woodrow, Eagle Rock
McMillan, Clarence	1425 Loma Vista, Pasadena
Noble, Howard	5246 Coringo Dr.
Norton, James	Phoenix, Ariz.
Palmer, Donald	165 N. Catalina
Park, Ross J.	2932 N. Broadway
Parks, Florence	1026 Blaine St.
Parmenter, Al	612 Mound, S. Pasadena
Paup, Marjorie	1742 Garfield Pl.
Pier, Helen	590 Pine St., Altadena
² Pitcher, Marion	60 N. Lake Ave., Pasadena
Reavis, Harold	1416 Calumet
Robinson, Ruby	1169 Bresee Ave., Pasadena
Selle, Wilbur	1022 E. Culver St., Phoenix, Ariz.
Stevens, Florence	221 E. Broadway, Glendale
Trundy, Dorothy	870 N. Park, Pomona
¹ Trzcinski, Waldemar	Russia
Uzzelle, Ida	1122 Meridian Ave., S. Pasadena
Wagner, Harold	631 Miramar, Long Beach
Walker, Elizabeth	208 E. Broadway, Anaheim
Walton, Miles P.	5007 Range View
² Webb, Price	1117 W. 49th St.
Weeks, Evelyn	1562 LeMoyne St.
¹ White, Emily	645 S. Euclid, Pasadena
Williams, Laurence	Pasadena
Wilson, Margaret	1454 Armadale
² Zellhoefer, Lillian	320 N. Stoneman, Alhambra

SOPHOMORES—CLASS OF 1925

Allison, Neva	829 Washington Pl., Long Beach
Angus, Albert	Arcadia
Ashley, Kennerly	Arcadia
Austin, Elizabeth	119 N. Madison, Pasadena
Bender, David	115 S. Fourth, Alhambra
Bennetts, Frederick	Mountain View
Bessenger, Doris	104 N. Madison, Pasadena
Blankenship, Margaret	1065 Hoffman, Long Beach
Bohland, Hilda	1438 Armadale
Boice, Charles	Vista del Arroyo, Pasadena
Boltinghouse, Gerald	80 N. Hill, Pasadena
¹ Bouton, Florence	1384 Fair Oaks, Pasadena
Bradshaw, Frank	R. I. 106, San Bernardino
Brockman, Dorothy	Hemet
Brooks, Ruth	Sierra Madre
Brown, Agnes	144 N. Orange, Glendale
Byram, Fern	Santa Ana
Caldwell, Eunice	326 W. Wilson, Glendale
Campton, Lucile	2933 Altura St.
Carter, Paul	2527 W. Ave. 30
¹ Chapman, Anamay	1436 Mt. Pleasant
⁴ Coutts, George	1502 Fremont, Pasadena
Chawner, Wm. Don	765 Summit, Pasadena
Clark, Margaret	Napa
Crawford, Margaret	1187 N. Los Robles, Pasadena
Creswell, Stanley	128 E. Eagle, Eagle Rock
Croswell, Bernice	3721 Vermont, Long Beach
Daniels, Burdette	227 Fairmont, Eagle Rock
Daniels, Esli	Long Beach
¹ Davidian, Charles	Yetter
Davidson, Katherine	776 S. Madison, Pasadena
Davis, Loring	Exeter
DeMandel, Ranier	2923 Washington Blvd., Santa Monica
Eastin, Thomas	Box 104, Newman
Eastman, Virginia	709 N. Louise, Glendale
Ebers, Clarence	Long Beach
Eckerman, Caroline	Covina
Ellis, Leola	1715 W. Lewis, San Diego
Ellis, Leone	1715 W. Lewis, San Diego
Ellis, Ruth	1638 W. 45th, St.
Erwin, Jennie	El Monte
Feaver, Marian	Fowler
Finnell, Elmas	9 E. Peoria, Pasadena
Fisk, Alfred	116 E. Lime, Monrovia
Folts, Beulah	935 Topeka, Pasadena
Fulton, J. Elton	Oxnard
Garey, Arthur	683 Broadway, El Centro
Gates, Albert	515 Monterey Rd., Pasadena
Gates, Alice	515 Monterey Rd., Pasadena
Gertmenian, Grace	919 Columbia St., Pasadena

Gildersleeve, Lee	2214 P St., Sacramento
Gleason, Elizabeth	355 Oakland, Pasadena
Goerzen, Elizabeth	1451 E. 49th St.
Goulding, W. Stace	Felton
Gunn, Harriet	1599 Campus Rd.
Gustafson, Ruth	830 G St., San Bernardino
Hans, Lucile	Iowa City, Iowa
² Hansen, Otto	Pomona
Hargrave, Samuel	Banning
Harper, Howard	317 S. New Hampshire
Hayslip, Helen	San Luis Obispo
Hisey, Lehman	815 E. Villa, Pasadena
² Hodges, Helen	5652 Baltimore
Homan, Charles	613 E. Orange Grove, Pasadena
Hunt, Ethel	131 E. Sycamore, Eagle Rock
Imhoff, Myrtle	3335 Mono Ave., Fresno
Ingledue, Helen	501 E. Wilson, Glendale
Jacobson, J. A. V.	108 Pepper St., Pasadena
Johnson, Alice	1101 N. Los Robles, Pasadena
Johnson, Lawrence	1101 N. Los Robles, Pasadena
Johnson, Walfred	Turlock
Jones, Edward	2261 W. 29th Pl.
Kennedy, Kathleen	21 Fifth Ave. N.W., Rochester, Minn.
Kent, Eleanor	2125 E. Sixth St., Long Beach
King, Marchant	5220 Stratford Rd.
Lawson, Jack	225 N. Brendo, Glendale
¹ Leavens, Charles	Santa Paula
Leishman, Esther	1144 Elizabeth, Pasadena
Lindquist, Carl	Shasta
Lindquist, Jerome	Shasta
Lindsey, Mary	1159 N. Norton
Link, Frances	Exeter
Lowman, Oella	346 W. Ave. 57
Lukens, Helen	1620 Rose Villa, Pasadena
¹ Malcolmson, Allan	360 Arroyo Dr., Pasadena
Mantle, Verne	1328 W. 90th St.
Mead, Vivienne	861 N. Raymond, Pasadena
Meeker, Warren P.	1320 E. Colorado, Glendale
Moore, Mary Katherine	530 W. Ave. 54
Moore, Newell	5327 Abbott Place
Moorsalian, Harold	Visalia
Morse, Edith	1044 12th St., Santa Monica
Morsey, Anna	5205 Rangeview
Mundt, Marion	618 N. Marguerita
² Munger, Maynard	2966 Russell St., Berkeley
MacDonald, Malcolm	1144 Cornwall
MacInnis, Mary	1625 Monterey Rd., Pasadena
¹ McCook, Ernest	San Bernardino
McCoy, Ruth	Beaumont
McDonald, Philip	6128 Ellis Ave., Chicago
McNary, Thomas E.	805 S. Central, Eagle Rock
McNinch, Martha	1242 Bellevue

Pederson, Thelma	1355 Atlantic, Long Beach
² Perkins, Paul	807 Grange Ave., Long Beach
Powers, John	Beaumont
Priault, Pierre Jean	1902 Vista del Mar
Pritchard, Esther	449 Nebraska, Long Beach
Pursel, Louis	116 N. Meredith, Pasadena
Pyle, Edwin	Puente
Righter, Ruth	5004 Alameda Dr.
Roberts, Howard	247 Ellenwood Dr., Eagle Rock
Ruth, Virna	5608 Marmion Way
Sackett, Robert	1135 Elden Ave.
Sadler, Inez	469 California Terr., Pasadena
Schooley, Erma	368 S. Shaffer, Orange
Scott, Margaret	115 N. Satsuma, Eagle Rock
Shaffer, Ross	1512 Missouri Ave., Keokuk, Iowa
Sharp, Mary	1008 S. Indiana St.
Shearing, Lloyd	Filer, Idaho
¹ Sheldon, Dan	207 S. L. St., Madera
Short, Adah Lois	El Molino
Shreve, Dorothy	64 Valley St., Pasadena
Sickler, H. H.	333 E. Walnut, Pasadena
Spangler, John	623 N. Rose St., Santa Ana
Stein, Dorothy	800 Oakland, Pasadena
Stevenson, Robert	3044 E. Fifth, Long Beach
Stocker, Helen	Honesdale, Pa.
Stoller, George	Camas, Wash.
Stubblefield, Gertrude	231 20th St., Merced
Subke, Walter	992 S. Kingsley Dr.
Sutherland, Hugh	4006 Homer St.
Sutton, Herbert	365 Annandale Blvd.
Tanaka, Shizona	353 W. Ave. 59
Taylor, Margaret	2215 E. 2nd, Long Beach
Taylor, Robert	213 W. Eagle, Eagle Rock
Tidball, William	1321 W. 4th, Santa Ana
Townsend, Laurene	1425 Mar Vista, Pasadena
Tracy, Lois	1801 Mineral
Trinkeller, Elsa	1820 Westmoreland Ave.
Vogel, Pearl	308 Lineburger Heights Blvd.
¹ Walker, Leonard Jr.	1257 N. Normandie
Westgate, Tevis	R. F. D. 3, Santa Ana
Westlund, Elmer	4262 Brighton St.
White, Harvey	990 East Mountain
Widney, Gaylord	330 S. Mentor, Pasadena
² Williams, Donald	329 Ellis Bld., Phoenix, Ariz.
Wilson, Georgia	440 F. St., San Bernardino
Wimmer, Louise	122 W. Chestnut, Glendale
Wolf, Carl	333 E. Ridgway, Eagle Rock
Yorba, Gilbert	La Verne
Zellhoefer, Mildred	320 N. Stoneman, Alhambra

FRESHMEN—CLASS OF 1926

¹ Anderson, Clarence	224 Ridgeway, Eagle Rock
Anderson, Ella	1129 W. Kensington Rd.
Archer, Samuel	128 W. Avenue 50
Atkinson, Clara	1023 Fremont Ave., So. Pasadena
² Bache, Richard F.	115½ S. Broadway
Barndt, David	414 Berendo St.
¹ Beal, Ralph	1743 Gramercy, Torrance
Berggren, Lucile	6033 Meridian
Berry, Richard	105 E. Huntington
Black, Esther	350 Kenneth Rd., Glendale
Blohm, James	328 M. Mariposa, Eagle Rock
¹ Bond, Stanley	1020 Woodrow Ave., Eagle Rock
¹ Bond, Mrs. Stanley	1020 Woodrow Ave., Eagle Rock
Brown, Kathleen	1211 Avoca, Pasadena
Brown, Marjorie	1211 Avoca, Pasadena
Buchanan, Mary Bernis	1210 S. Lake, Pasadena
Buckley, Edwin, M. Jr.	25 Broad St., New York City
Busby, Beryl	Hotel Neal, Santa Barbara
Buxton, Bronson	1422 W. 3rd, Santa Ana
Caldwell, Agnes	326 W. Wilson, Glendale
Carter, Ernest	Honolulu, Hawaii
Chamlee, Frank	1011 Woodrow, Eagle Rock
Chandler, Burney	Orosi
Chandler, Edwin	955 El Molino St.
Chavez, Max	Hueneme
Cherrie, Arthur	2219 Hollister Ave., Santa Barbara
¹ Christensen, Carol	528 Rampart, Blvd.
¹ Clark, Thelma	711 N. Kenwood, Glendale
² Clarke, Evelyn	R. F. D. 4, Inglewood
Conklin, DeEtte	326 State St., Santa Barbara
Conway, Chas. Hugh	Somas
¹ Cook, Harold	536 S. Hope
Cooper, Thomas G.	Westlake, North Dakota
Cornett, Gordon	1153 5th St., Santa Monica
Creighton, Carroll	30 N. 1st St., Phoenix, Ariz.
² Crinklow, Eva	Santa Susana
Crosby, Lawrence	860 N. Virgil
¹ Crowell, Gerald	830 Main St.
Daily, Emma	Camarillo
Davidson, Joan	Tierro, New Mexico
Davis, Eugene	Woodlake
Davis, William R.	Orange
¹ Day, Martha	1735 Canyon Dr.
Donley, Joe	215 S. Central, Glendale
Doubt, Donald	San Joaquin
Duff, Alfred	Kinkiang, China
Enright, Adrienne	939 N. Central Ave., Glendale
¹ Everett, Percy	R. F. D. 2, Orange
Faucette, Frank	Reburg, Idaho
² Feiring, Velma	164 E. 2nd, Long Beach

Fine, Margaret	1615 E. 1st, Long Beach
Folger, Lois	1041 Ave. 46, Eagle Rock
Forden, George	Merced
² Fowler, Frederick	Brigham City, Utah
Franklin, Cummins	Woodlake
Fuller, Lorraine D.	1800 N. Raymond, Pasadena
Gall, Purcell	Riverside
Garrison, Hazel	Pasadena
Gates, Ralph	720 Bath, Santa Barbara
² Gephart, William E. Jr.	822 S. Norton
Giffen, Grace	1543 W. Ave. 46
² Gilbert, Dorothy	3541 The Paseo
¹ Gilbert, Wilber	1333 Alvarado Terr.
Grafious, Lester	346 S. Malabar, Huntington Park
Green, Edith	326 W. Kalmia, San Diego
² Grospe, Felix	Santa Domingo, P. I.
Gunn, Annabel	Tacoma, Wash.
Hadlock, Hurfey	6052 Carlos Ave.
¹ Hall, James	Glendora
Hall, Ruth	227 E. Ridgeway, Eagle Rock
Harrison, Irvine	1765 Rose Villa, Pasadena
Harvey, Willard	Waukena
Haworth, John R.	Chatsworth
Haynes, Eugene	440 Kensington Pl., Pasadena
Hazeltine, Harvey	San Jacinto
Henry, Helen	36 N. Wilson, Pasadena
Hines, Harold	1045 Stevenson Ave., Pasadena
Hogan, Henrietta	1251 4th Ave.
Holaday, Kenneth	Tulare
Hovey, Nell	Saugus
Hull, J. Devens	Yakima, Wash.
Hunt, Roma J.	Fillmore
Hunter, Mary E.	1225 Marengo Ave., S. Pasadena
Isenor, Ethel	Huntington Beach
¹ James, Joy	961 Santa Rosa, San Luis Obispo
¹ James, Rosser	5026 Meridian
Kalet, Rupert	530 S. Mentor, Pasadena
² Kepple, Evelyn	353 W. 41st Pl.
¹ Kerr, James William	R. F. D. 3, Santa Ana
King, Frank	Box 156 R. R., Fillmore
² King, Ward	155 W. 43rd Pl.
¹ Klieiwer, William	Elving, Kansas
² Lavelle, Reginald	Hollywood
Lawrence, Gregory	1136 N. Hill Ave., Pasadena
Lea, Edythe	1325 N. Michigan, Pasadena
Lee, Kathryn	6422 Eagle Rock Ave., Eagle Rock
Lee, Murray	2111 Aubrey
Lester, Lawrence	R. F. D. 4, Los Angeles
Leung, Martha	340 Ridgeway, Eagle Rock
Lewis, Ralph	R. F. D. 1, Santa Ana
Lindley, Robert	1741 Grand Ave., Santa Ana
Link, Carl	Exeter

Long, Clayton	Tulare
Lopez, Adele	658 S. Chicago St.
Miller, Charles	1711 W. Ave. 53
Miller, Dwight	1443 Armadale
Milos, Charley	1720 W. 37 Pl.
¹ Mausten, Harold	Powers, Oregon
Montgomery, Dorothy	260 N. Acacia, Eagle Rock
Montgomery, Kenneth	Geneses, Ill.
Morely, Kenneth	Box 447, Merced
Morey, Herbert	Covina
Morse, Marian	1302 Wilshire, Santa Monica
Mussen, Richard	363 S. Bonnie Brae
MacInnis, William	1625 Monterey Rd., So. Pasadena
MacRae, Lucia	448 W. Ave. 56
¹ McCollum, Mildred	498 Champlain Ave., Pasadena
McConnell, Harriet E.	555 N. El Molino, Pasadena
McCoy, Donald	417 S. Mentor, Pasadena
McLeod, Beth	Escondido
McMillan, Carleton	1165 N. Hill, Pasadena
Nakamura, Frank	306 N. Ave. 22
Nash, J. V.	Chino
² Neathery, Jack H.	3434 Coulina St., San Pedro
² Nilson, Juanita	San Fernando
¹ Ogg, Clyde	Dinuba
Olsen, Andrew	Newman
Osborne, Marianna	1201 Georgina St., Santa Monica
Parker, Daryl	1432 E. Maple, Glendale
Parra, Anthony	118½ N. East Lake
Poetker, John	Shafter
Pohlman, Anton	1515 S. 3rd, Alhambra
Potter, Dorris	208 W. Mariposa, Eagle Rock
Pozzo, Flora	2901 Francis Ave.
¹ Rasmussen, Lester	Culter
Ray, Doris	1214 E. Pierce St., Phoenix, Ariz.
Raymond, Lawrence	335 Palmetto, Pasadena
² Rhodes, Dorothy	Chino
Ridderhof, David	122 Witmer
Rudell, Lloyd	Chatsworth
² Russell, Gertrude	2221 W. 25th St.
Sawyer, Eleanor	700 E. Winsor Rd., Glendale
Schoen, Muriel	Ortonville, Minn.
Scott, Hugh	115 N. Satsuma, Eagle Rock
¹ Shinn, William	1221 Laton Ave.
Shoaf, Gordon	764 N. Hoover
Siebold, Carolyn	7277 Overland Ave., Palms
Smith, Esther	1124 Stevenson Ave., Pasadena
Smith, Francis	1654 Lomar St., Santa Barbara
² Snoddy, Emory	275 E. Ridgeway, Eagle Rock
² Sokolof, Vladimir	103 W. 34th St.
¹ Spence, Guy	3015 N. Broadway
² Steele, Willard C.	4515 Mosher Ave.
Stevens, Brewster	112 Marian, Pasadena

Stevens, Newell	2813 S. Flower
Stevenson, Annetta	1885 Lime Ave., Long Beach
Stewart, J. Roy	Hemet
Stotts, Beulah	Tujunga
Sutton, Lucy	Harriet St., Pasadena
Switzer, Helene	1015 W. Chester Pl.
Thayer, Josephine	5352½ Abbott Pl.
Thompson, Elsie K.	1096 Steuben St., Pasadena
¹ Todd, Henry	55 N. Euclid, Pasadena
Triplett, Ruby	338 S. Grand
Turner, Lola	Silver City, New Mexico
¹ Twohy, Daniel	Spokane, Wash.
¹ Twohy, Henry	Spokane, Wash.
Vargo, Irma	130 Ellenwood Dr., Eagle Rock
Vickroy, Esther	5258 Sunset Blvd.
Waddingham, Francis	Everett, Wash.
Wall, Cyril	267 Platt, Lynwood
Wallace, Margaret	500 W. Ave. 50
Wallis, John	2112 E. 11th, Long Beach
Walton, Marion	201 E. Adams, Eagle Rock
Warren, Beulah	156 Eddy Ave., Eagle Rock
Waterston, Wilfred	15 N. California, Pasadena
Weaver, Roy J.	El Monte
Webster, Floyd	4314 E. 4th St., Long Beach
Wheat, Lauretta	San Fernando
Wheeler, Roy E.	Baldwin Park, Covina
¹ Williams, Thomas	1247 W. Orange, Monrovia
Wilson, Doris	1222 E. 8th, Long Beach
Wilson, Kenneth	953 S. Mariposa

SPECIAL STUDENTS

Atkinson, Ralph	1023 Fremont, So. Pasadena
¹ Buley, Horace	800 Rome Dr.
² Coffeen, Henry A.	253 E. Bellevue, Pasadena
¹ Danilevitch, Eugene	Russia
² Del Cardayre, John	3 East 84th St., New York City
Gomes, Raymond	516 W. Alapaha, Fitzgerald, Go.
² Grierson, Dorothy	Sung Jiu, Korea
Gulach, Howard	1488 Mar Vista, Pasadena
Mitchell, Albert	Weed, Calif.
² Musser, Frances K.	600 W. Colo. Blvd., Glendale
² Myers, Grace	834 Rome Dr.
Needham, Ruth	1442 Mt. Pleasant
Risinger, Ervis	1032 Albany
Straight, Harold	258 Bennett, Long Beach
Sutherland, Mrs. Hugh	4006 Homer St.
¹ Taylor, Lowell	2215 2nd St., Long Beach
Todd, David	444 W. Wilson, Glendale
Tomono, Yoshio	Box 45, San Pedro
¹ Vickstrom, Edna	Turlock

STATISTICAL SUMMARY

DEGREES GRANTED IN 1922

Doctor of Laws.....	2
Bachelor of Arts.....	64
Bachelor of Science.....	4
	—
Total.....	70

SUMMARY OF REGISTRATION, 1922-1923

	Men	Women	Total
Graduates	5	16	21
Seniors	31	40	71
Juniors	31	47	78
Sophomores	76	75	151
Freshmen	107	76	183
Specials	13	6	19
	—	—	—
	263	260	523

OCCIDENTAL COLLEGE ALUMNI ASSOCIATION

(Organized 1897)

OFFICERS

HARRY A. KIRKPATRICK, 1914	<i>President</i>
AILEEN POLHAMUS, 1919	<i>Vice-President</i>
LUCILLE M. JACKSON, 1917	<i>Secretary-Treas.</i>
WILLIAM BURNS, 1922	<i>Alumni Editor</i>
FRED. F. McLAIN, 1916	<i>Alumni Representative</i>

GRADUATE COUNCIL

	Term Expires
David R. Faries, 1911	1923
Rowena R. Bradbeer, 1914	1923
Fred. Johnson, 1912	1923
Walter Young, 1915	1923
Barrett Keisling, 1918	1923
Howell Atwood, 1917	1924
Gertrude R. Loud, 1920	1924
Harrison Baker, 1917	1924
Robert G. Cleland, 1907	1924
Helen Kemper, 1915	1924
Harry Kirkpatrick, 1914	1925
Aileen Polhamus, 1919	1925
D. S. Hammack, 1905	1925
Katherine West, 1919	1925
Harold McClelland, 1922	1925

CLASS SECRETARIES OF THE ALUMNI

1895	Alphonso E. Bell, Santa Fe Springs, Calif.
1896	Walter V. E. Thompson, 131 W. Ave. 54, Los Angeles, Calif.
1898	Rev. Edward H. Miller, Seoul, Korea.
1900	Amy Gordon, 4811 Pasadena Ave. Terrace, Los Angeles, Calif.
1902	D. C. Chapin, E. 623 Baldwin Ave., Spokane, Wash.
1903	Fred H. Schauer, Santa Barbara, Calif.
1904	A. W. Buell, 2425 E. First St., Long Beach, Calif.
1905	P. B. Goodell, Claremont, Calif.
1906	Miss Grace Webster, 210 N. Lake Ave., Pasadena, Calif.
1907	Dr. R. G. Cleland, Occidental College, Los Angeles, Calif.

- 1908 Mrs. Fred Caldwell, 230 Eddy Ave., Eagle Rock City, Calif.
- 1909 Miss Lois MacKalip, 200 E. Ave. 42, Los Angeles, Calif.
- 1910 Philip Dodson, 1132 Meridian, South Pasadena, Calif.
- 1911 David R. Faries, 1344 S. Figueroa St., Los Angeles, Calif.
- 1912 Harold Landreth, 508 Central Bldg., Pasadena, Calif.
- 1913 Mrs. Nora N. Shaw, 2660 Orchard, Los Angeles, Calif.
- 1914 Mrs. Hugh McNary, 4416 Towne Ave., Los Angeles, Calif.
- 1915 Miss Helen Kemper, 3558 Dayton Ave., Los Angeles, Calif.
- 1916 Paul Kirkpatrick, Berkeley Y. M. C. A., Berkeley, Calif.
- 1917 Miss Lucille M. Jackson, 2803 Menlo Ave., Los Angeles, Calif.
- 1918 Miss Irene E. Rogers, Azusa, Calif.
- 1919 Miss Sarah Young, 573 S. Boyle Ave., Los Angeles, Calif.
- 1920 Mrs. Harlan Loud, 156 Paloma Ave., Eagle Rock, Calif.
- 1921 Miss Evelyn A. Hoick, 429 Euclid Ave., Los Angeles, Calif.
- 1922 Miss Clara Ducey, 539 Eldora Road, Pasadena, Calif.
- 1923 Miss Sarah Lindsey, 1159 South Norton Street, Los Angeles.

CONSTITUTION

(As amended, 1919)

ARTICLE I.

Name

Section 1. The name of this organization shall be "The Occidental College Alumni Association."

ARTICLE II.

Membership

Section 1. Every person graduating from Occidental College shall, upon graduating, be immediately entitled to membership in this Association.

Section 1. Every person graduating from Occidental College, upon whom Occidental College shall confer an honorary degree, shall be entitled to honorary membership in this Association. Other persons may be elected to honorary membership in this Association by a two-thirds vote of the members of the Association present at any annual or special meeting of the Association, or by a four-fifths vote of the members of the Graduate Council present at a regular meeting thereof.

ARTICLE III.

Officers

Section 1. The officers of this Association shall be a President, a Vice-President, a Secretary-Treasurer, an Alumni Editor, an Alumni Representative, and the Members of the Graduate Council herein-after provided for.

Section 2. The President and Vice-President shall be elected by a majority vote by the members of the Association present at the annual meeting of this Association which shall be held on or about the commencement day of the College each year, and shall each hold office during the year following their election and until such time as their successors are elected and qualified.

Section 3. The Secretary-Treasurer, the Alumni Editor, and Alumni Representative shall be appointed to office by the Alumni Council of the Association in 1919, and each year thereafter, and shall hold office during the year following their appointment and until their successors are appointed and qualified.

Section 4. The duties of the above mentioned officers shall be the duties usually performed by such officers, except as in the Constitution provided.

Section 5. The President shall be chairman of the executive body of the Association. He shall have the power to appoint all committees, these appointments being subject to the approval of the Graduate Council.

Section 6. The Secretary-Treasurer of this Association shall be the Secretary of its executive body.

Section 7. It shall be the duty of the Alumni Representative to represent this Association on the Executive Committee of the Associated Student Body of Occidental College and to counsel with that committee and take part in the deliberations of that committee.

Section 8. It shall be the duty of the Alumni Editor to act on the staff of the official publication of the Associated Student Body of Occidental College, presenting to that staff any articles of interest to the members of this Association. It shall also be the duty of the Alumni Editor to edit and manage any publication which this Association may issue.

ARTICLE IV.

Graduate Council

Section 1. The executive body of this Association shall be termed the "Graduate Council."

Section 2. The Graduate Council shall consist of fifteen elective members, who shall be divided into three groups of five members each. Each member shall be elected for a term of three years, or until such time as his successor is elected. Each group shall consist of the President, Vice-President, and three members at large. The Secretary-Treasurer and, if they are not members of the Council, the Alumni Editor and Alumni Representative shall be ex-officio members of the Council during such time as they shall hold office.

Section 3. The members of the Graduate Council during the year ending June 13, 1919, shall continue to hold office until the expiration of their terms as determined by the Constitution of the Occidental College Alumni Association, which was in force during the year 1918-1919.

Section 4. One group of five members composed as hereinbefore provided, shall be elected at the annual meeting in June 1919, and one group of five members at each annual meeting thereafter.

Section 5. The management of the affairs of this Association shall be and is hereby delegated to the Graduate Council, unless otherwise provided for in the Constitution of this Association. The Graduate Council shall be, and is hereby vested with all authority to act in the name of and for this Association, make contracts, disburse money and fill vacancies in office.

Section 6. The Graduate Council shall meet at such times as that body may select, or upon call by the President.

Section 7. A quorum at any meeting of the Graduate Council shall consist of eight members of that body.

Section 8. The Graduate Council may, by a two-thirds vote of its members, adopt by-laws for this organization and amend the same when adopted.

ARTICLE V.

Meetings

Section 1. The annual meeting of the Association shall be held on the Commencement Day of each year, at such time and place as the President may designate. Special meetings may be called at any time by the Graduate Council of the Association, and must be called by the President upon the written request of ten members of the Association, the time and purpose of the meeting being stated as a portion of that request.

Section 2. A quorum at any annual or special meeting of the Association shall consist of twenty-five members.

ARTICLE VI.

Dues

Section 1. The dues to be paid by members of this Association shall be one dollar and fifty cents (\$1.50) per year during each of the first three years after their graduation and shall be three dollars (\$3.00) per year thereafter. Honorary members shall be exempt from the payment of dues.

ARTICLE VII.

Amendments

This Constitution may be amended by a two-thirds vote of the members present at any annual or special meeting of the Association, or by a four-fifths vote of the members of the Graduate Council present at a regular meeting thereof.

FORM OF BEQUEST

Those intending to devise property to Occidental College are requested to use the following form:

"I hereby give, devise and bequeath unto Occidental College of Los Angeles, State of California, the sum of..... Dollars."

For property other than money the form should be correspondingly varied.

OCCIDENTAL COLLEGE WOMEN'S CLUB

OFFICERS 1922-1923

Helen Kemper, '15.....	<i>President</i>
Byrd Rice, '10	<i>First Vice-President</i>
Louise Carter Cole, '11	<i>Second Vice-President</i>
Pearl Grant, ex-'11.....	<i>Corresponding Secretary</i>
Elizabeth Coutts, '22.....	<i>Recording Secretary</i>
Irene Tanner, '20.....	<i>Treasurer</i>

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OCCIDENTAL COLLEGE OFFICIAL PUBLICATION

NEW SERIES

VOL. I, No. 4

CATALOGUE 1923-1924

THE LIBRARY OF THE

NOV 7 1924

UNIVERSITY OF ILLINOIS

Los Angeles
Published by the College
March 1924

OCCIDENTAL COLLEGE OFFICIAL PUBLICATION

New Series

March, 1924

Vol. I, No. 4

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A copy of the College Catalogue or other issues of the Official Publication of the College will be forwarded to any address on receipt of request for the same.

Address all communications to

Occidental College,

Los Angeles, California.

DIRECTORY

The campus is reached by street cars from Broadway via Eagle Rock line, or from Spring Street via York Boulevard line. From Glendale, Pacific Electric cars run to Eagle Rock. The better approaches to the College by highways are via Pasadena Avenue-York Boulevard and San Fernando-Verdugo Roads; from Glendale and Pasadena, via Colorado Boulevard-Eagle Rock Avenue.

CATALOGUE OF OCCIDENTAL COLLEGE

1923-1924

with
ANNOUNCEMENTS FOR
1924-1925



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UNIVERSITY OF ILLINOIS

Los Angeles
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CALENDAR

1924

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COLLEGE CALENDAR

1924-1925

Sept. 11-13	Thursday-Saturday	Registration days; entrance examinations.
Sept. 15	Monday	First semester begins; College Assembly at 11 a. m.
Sept. 19	Friday	Last day for registration of old students, for filing study-lists, or for changing study-lists without special fee.
Sept. 25	Thursday	Procession of Lanterns.
Oct. 3	Friday	Last day for registration for full work.
Oct. 31	Friday	Last day for discontinuing a course.
Nov. 27-28	Thursday-Friday	Thanksgiving recess.
Dec. 19	Friday	Christmas vacation begins, 3:30 p. m.
Jan. 5	Monday	Christmas vacation ends; instruction begins, 8:30 a. m.
Jan. 23-29	Friday-Thursday	Mid-year examinations.
Jan. 30-31	Friday-Saturday	Registration for second semester.
Feb. 2	Monday	Instruction of second semester begins, 8:30 a. m. Last day for filing application in candidacy for the Master of Arts degree to be conferred in June.
Feb. 11	Wednesday	Day of Prayer for Colleges.
Feb. 23	Monday	Holiday; Washington's Birthday (Feb. 22).
Feb. 24	Tuesday	Occidental College Supper.
April 3	Friday	Spring vacation begins, 3:30 p. m.
April 13	Monday	Spring vacation ends, 8:30 a. m.
April 20	Monday	Founders' Day.
May 1	Friday	Last day for removal of conditions by candidates for a degree in June.
May 18	Monday	Last day for filing, in final form, thesis for Master of Arts degree to be conferred in June.
May 30	Saturday	Memorial Day; holiday.
June 5-11	Friday-Thursday	Final examinations.
June 7	Sunday	Baccalaureate Sermon; Vesper services of Christian Association.
June 13	Saturday	Senior Class Day, 10:30 a. m. Thirty-third annual Commencement.

ADMINISTRATIVE OFFICERS

BOARD OF TRUSTEES

TERM EXPIRING JANUARY 31, 1925

REV. WILLIAM STEWART YOUNG, D. D., 645 South Boyle Avenue,
Los Angeles, California.

E. P. CLAPP, M. D., 300 Elevado Drive, Pasadena, California.

REV. HUGH K. WALKER, D. D., LL. D., 2642 Van Buren Street,
Los Angeles, California.

ARTHUR W. BUELL, M. D., First National Bank Building, Long
Beach, California.

TERM EXPIRING JANUARY 31, 1926

JAMES MARWICK, Braemar Ranch, Santa Barbara, California.

HERBERT G. WYLIE, 120 Broadway, New York City, New York.

ALMER MAYO NEWHALL, Newhall Building, San Francisco, California.

REMSSEN DU BOIS BIRD, D. D., Occidental College, Los Angeles, Calif.

TERM EXPIRING JANUARY 31, 1927

FRANK P. FLINT, Title Insurance Building, Los Angeles, California.

REV. ROBERT FREEMAN, D. D., 675 Magnolia Avenue, Pasadena, Calif.

ALPHONSO BELL, Beverly Hills, California.

WILLIAM MEADE ORR, Alhambra, California.

TERM EXPIRING JANUARY 31, 1928

JOHN G. BULLOCK, Seventh and Broadway, Los Angeles, California.

FRED H. SCHAUER, Santa Barbara, California.

JED W. BURNS, 672 South Serrano Street, Los Angeles, California.

HENRY GUDGELL BOICE, San Carlos, Arizona.

TERM EXPIRING JANUARY 31, 1929

GEORGE E. HUNTSBERGER, 450 Lucerne Avenue, Los Angeles, Calif.

JAMES GARFIELD WARREN, 323 Andrew Boulevard, Los Angeles, Calif.

A. POMEROY HOFFMAN, 137 Cedar Avenue, Long Beach, California.

HAROLD B. LANDRETH, Central Building, Pasadena, California.

OFFICERS OF THE BOARD

(1923-1924)

.....	<i>President</i>
ROBERT FREEMAN.....	<i>First Vice-President</i>
E. P. CLAPP.....	<i>Second Vice-President</i>
WILLIAM S. YOUNG.....	<i>Secretary</i>
JED W. BURNS.....	<i>Treasurer</i>
WILBUR G. SMART.....	<i>Assistant Treasurer</i>

COMMITTEES OF THE BOARD

EXECUTIVE:—————;	Freeman, Clapp, Young, Burns, Orr.
FINANCE:	Burns, Chairman; Wylie, Orr, Bell, Marwick.
FACULTY:	Young, Chairman; Bell, Bird.
NOMINATING:	Bird, Chairman; Schauer, Young, Boice.
GROUND AND BUILDINGS:	Clapp, Chairman; Huntsberger, Marwick, Orr, Bell.
LIBRARY:	Landreth, Chairman; Walker, Bullock, Newhall, Flint.
DEGREES:	Newhall, Chairman; Warren, Freeman, Buell, Hoffman.

OFFICERS OF THE ADMINISTRATION
AND INSTRUCTION

OFFICERS OF THE ADMINISTRATION

REMSEN DU BOIS BIRD, A. B., B. D., D. D.....	<i>President</i>
THOMAS G. BURT, A. B., A. M., Ph. D.....	<i>Dean</i>
ROBERT GLASS CLELAND, A. B., Ph. D.....	<i>Dean of Men</i>
IRENE T. MYERS, A. B., Ph. D.....	<i>Dean of Women</i>
LOWELL J. CHAWNER, A. B.....	<i>Registrar</i>
GEORGE FOX COOK, A. B., Ph. D.....	<i>Librarian</i>
ELIZABETH JOHNSTON MCCLOY, A. B.....	<i>Assistant Librarian</i>
ELIZABETH ADA FALES.....	<i>Assistant Librarian</i>
JOHN PRICE ODELL, A. B., M. A.....	<i>Assistant Librarian</i>
WILBUR G. SMART.....	<i>Business Manager</i>
GRACE M. STOCKWELL.....	<i>Secretary to the President</i>
MABEL C. THAYER.....	<i>Secretary to the Dean</i>
MARJORIE WILLIAMS.....	<i>Secretary to the Registrar</i>
RUTH GUSTAFSON.....	<i>Office Assistant</i>
DON CHAWNER.....	<i>Office Assistant</i>
THOMAS BERESFORD.....	<i>Head Gardener</i>
HELEN E. CUTTING.....	<i>Director of the Commons</i>

***THE FACULTY**

- ERNEST E. ALLEN, 129 East Avenue 53, Los Angeles
Professor of Mathematics.
A. B., Park College, 1899, M. A., 1903. (1902)
- WILLIAM B. ALLISON, 1803 Campus Road, Eagle Rock
Professor of Spanish.
A. B., Washington and Jefferson College, 1890, M. A., 1893. (1922)
- WILLIAM GORDON BELL, 5629 Hub Street, Los Angeles
Professor of French.
Ph. B., University of Colorado, 1903, M. A., 1904. (1909)
- FREDERICK LUCIEN BIRD, 5031 Almaden Drive, Los Angeles
Professor of Political Science.
A. B., Lafayette College, 1913; M. A., Columbia University, 1921. (1921)
- MIRA SUTHERLAND BIRD, 5031 Almaden Drive, Los Angeles
Instructor in Dietetics and Public Nursing.
R. N. (Indiana), 1912. (1922)
- REMSEN DU BOIS BIRD, President's House, Campus
President and Professor of Religious Education.
A. B., Lafayette College, 1909; B. D., Princeton Theological Seminary, 1912; D. D., Lafayette College, 1919. (1921)
- WILLIAM GEORGE BONELLI, 1837 W. Jefferson, Los Angeles
Assistant Professor of Political Science.
A. B., University of Southern California, 1916. (1923)
- THOMAS G. BURT, 5323 Aldama Street, Los Angeles
Dean and Professor of Philosophy.
A. B., Hamilton College, 1895, M. A., 1898; Ph. D., Kansas City University, 1901. (1909)
- ELBERT E. CHANDLER, 1831 Woodrow Ave., Eagle Rock
Professor of Chemistry.
A. B., William Jewel College, 1891; LL. B., University of Michigan, 1893; Ph. D., University of Chicago, 1906. (1909)
- LOWELL J. CHAWNER, Registrar and Assistant Professor of Mathematics.
A. B., Occidental College, 1921. (1924)
- WILLIAM CHISLETT, JR., 1250 Lake Street, Los Angeles
Assistant Professor of English.
A. B., 1910; M. A., 1912; Ph. D., 1916, Stanford University. (1923)
- JEAN CHRISTIE, 1761 North Fair Oaks Ave., Pasadena
Instructor in French.
A. B., Wellesley College, 1915; M. A., Columbia University, 1916. (1922)
- ROBERT GLASS CLELAND, 1720 Fletcher Ave., So. Pasadena
Dean of Men and Norman Bridge Professor of Hispanic-American History.
A. B., Occidental College, 1907; A. B., Princeton University, 1909, Ph. D., 1912. (1912)
- ARTHUR M. CLIFFORD, 317 Markham Place, Pasadena
Lecturer in Economics.
A. B., Yale University, 1914. (1923)

* The year of first appointment is given after each name.

- JOHN ADAMS COMSTOCK, 121 East Avenue 44, Los Angeles
Instructor in Zoology.
F. E. S., M. D. (1920)
- GEORGE FOX COOK, 1117 West Avenue 54, Los Angeles
Librarian and Professor of Education.
A. B., Baker University, 1893; Ph. D., Little Rock University, 1895.
(1907)
- S. L. CRAWLEY, 810 Garfield Avenue, South Pasadena
Assistant Professor of Psychology.
A. B., Indiana University, 1922; M. A., Columbia, 1923 (1923)
- MARY CARRUTH CUNNINGHAM, 221 W. Avenue 54, Los Angeles
Associate Professor of Art.
M. A., Occidental College, 1909. (1904)
- FRANCIS L. DAUGHERTY, 100 Commonwealth Avenue, Alhambra
Instructor in Physical Education.
(1923)
- GEORGE MARTIN DAY, 457 West 7th Street, Claremont
Professor of Economics and Sociology.
A. B., Hamilton College, 1905; M. A., 1908. (1923)
- *CHARLES B. DIRKS, 118 Rowland Ave., Eagle Rock
College Physician and Lecturer in Hygiene.
Ph. B., University of Chicago, 1899; M. D., Rush Medical College,
1903. (1920)
- CALVIN PARDEE ERDMAN, 1044 Armada Drive, Pasadena
Professor of Religious Education.
A. B., Princeton University, 1915, M. A., 1921; S. T. B., Princeton
Theological Seminary, 1921. (1922)
- CALVIN O. ESTERLY, 1481 Campus Road, Los Angeles
Professor of Zoology.
A. B., University of California, 1902, M. A., 1904; Ph. D., Harvard
University, 1907. (1907)
- CLOTILDE G. FISK, 1865 Campus Road, Los Angeles
Instructor in German.
B. L., University of California, 1899. (1921)
- OSGOOD HARDY, 1915 Milan Avenue, South Pasadena
Assistant Professor of History.
A. B., Pomona College, 1910, A. B., Yale University, 1913; M. A.,
1911. (1923)
- CAROLINE EMERSON HODGDON, 1803 Campus Road, Eagle Rock
Associate Professor of Hygiene and Physical Education.
H. P. E., Wellesley College, 1910. (1923)
- CHARLES F. LINDSLEY, 2025 Ridgeview Ave., Eagle Rock
Professor of Speech Education.
A. B., Ohio State University, 1915; M. A., 1916 (1923)
- HUGH S. LOWTHER, Professor of Latin.
A. B., 1899, Syracuse University; Ph. D., University of Pennsylvania,
1904. (1924)
- CARLYLE FERREN MACINTYRE, 1820 Bushnell Avenue, South Pasadena
Assistant Professor of English.
A. B., University of Southern California, 1916, M. A., 1920; Ph. D.,
Marburg (Germany), 1923. (1924)

* Deceased, January 19, 1924.

- ELIZABETH JOHNSTON McCLOY,
Assistant Librarian.
A. B., Oberlin College, 1913. (1924)
- FRED F. McLAIN, 2012 Fletcher Avenue, South Pasadena
Instructor in Accounting and Graduate Manager.
A. B., Occidental College, 1916. (1921)
- CHARLES BARCLAY MOORE, 530 West Avenue 54, Los Angeles
Lecturer in Education.
A. B., Wabash College, 1900; M. A., Columbia University, 1902. (1922)
- VIRGIL FRANKLIN MORSE, 420 East Stanley Avenue, Eagle Rock
Assistant Professor of Mathematics and Technical Drawing.
B. S. in E. E., California Institute of Technology, 1914. (1922)
- IRENE T. MYERS, Grant Hotel, Pasadena
Dean of Women and Professor of History.
A. B., Bethany College; Ph. D., Yale University. (1917)
- SIDNEY WARREN NICHOLS, 1417 Acacia Street, Los Angeles
Director of Athletics.
- JOHN PRICE ODELL, 1279 North Los Robles Avenue, Pasadena
Associate Professor of English and Assistant Librarian.
A. B., Northwestern University, 1894, M. A., 1909. (1909)
- JOSEPH A. PIPAL, 4843 Baltimore Street, Los Angeles
Professor of Physical Education. (1911)
- JULIA A. PIPAL, 4843 Baltimore Street, Los Angeles
Instructor in Speech Education. (1912)
- CHARLES W. PRESTON, 5118 Royal Drive, Los Angeles
Supervisor of Practice Teaching.
A. B., Colorado College, 1913; M. A., Columbia, 1919. (1923)
- EDMUND H. SAWYER, 214 Sinclair Avenue, Glendale
College Physician and Lecturer in Hygiene.
B. S., University of California; M. D., 1908, Harvard University. (1924)
- RUDOLPH SCHUSTER, 929 Lindsey Street, Los Angeles
Instructor in Religious Education.
A. B., Northwestern University, 1912; B. D., Chicago Theological
Seminary, 1919. (1923)
- RAYMOND M. SELLE, 1562 Munson Ave., Los Angeles
Instructor in Zoology.
B. S., Occidental College, 1920; M. A., University of California, 1921. (1923)
- JOHN CUTLER SHEDD, 2303 Colorado Boulevard, Eagle Rock
Professor of Physics.
A. B., Princeton University, 1891; M. S., Cornell University, 1892;
Ph. D., University of Wisconsin, 1899. (1916)
- JAMES HUNTLEY SINCLAIR, 275 S. Orange Grove, Pasadena
Professor of Education.
B. A., Oxon., 1911, M. A., 1915; Ph. D., Syracuse University, 1916. (1922)
- FRANK J. SMILEY, 1493 Campus Road, Los Angeles
Professor of Botany and Geology.
A. B., Stanford University, 1913, M. A., 1914; M. A., Harvard Uni-
versity, 1914, Ph. D., 1917. (1916)

- OKLA E. SMITH, 2114 E. Florence Avenue, Huntington Park
 Assistant Director of Athletics.
 LL. B., Drake University, 1923. (1923)
- BENJAMIN F. STELTER, 3907 Dalton Avenue, Los Angeles
 Professor of English.
 A. B., University of Kansas, 1905; M. A., Yale University, 1909;
 Ph. D., Cornell University, 1913. (1921)
- WILLIAM S. STEVENSON, 5054 Pasadena Avenue, Los Angeles
 Professor of Sociology, Emeritus.
 A. B., College of the City of New York, 1867; LL. D., Occidental
 College, 1909. (1899)
- GUY A. THOMPSON, 5122 Rockland Ave., Eagle Rock
 Associate Professor of English.
 A. B., University of Illinois, 1898; A. B., Harvard University, 1900,
 M. A., 1901; Ph. D., University of Chicago, 1912. (1920)
- ISKAH P. THRALL, 164 South Mentor Street, Pasadena
 Instructor in Physical Education for Women.
 A. B., University of California, 1921. (1923)
- WILLIAM DENNIS WARD, 4569 York Blvd., Los Angeles
 Professor of Greek.
 A. B., Wabash College, 1881, M. A., 1888; Ph. D., Wooster Uni-
 versity, 1898. (1906)
- KEM WEBER, 4218 Berenice Street, Los Angeles
 Instructor in Art.
 Kunst-Gewerbe Museum, Berlin. (1922)
- HENRY NELSON WIEMAN, 1981 East Adams St., Eagle Rock
 Professor of Philosophy.
 A. B., Park College, 1907; Ph. D., Harvard University, 1917. (1917)
- ARTHUR STERLING WILEY, 3906 W. First St., Los Angeles
 Assistant Professor of Romance Languages.
 A. B., Harvard University, 1922. (1922)

FACULTY COMMITTEES

1923-1924

ADVISORY: Bird, Burt, Myers, Smiley, Chandler, Stelter.

ADMISSION, CLASSIFICATION AND SCHEDULE: Burt, Myers, Allen, Ward, Esterly, Smiley, Sinclair, Stelter.

ATHLETICS: Esterly, Hardy, Pipal, Smiley, McLain, Hodgdon.

PUBLICATIONS, CURRICULUM: Stelter, Burt, Chandler, Allen, Wiley, Bird, Hodgdon.

RELIGIOUS INTERESTS: Erdman, Shedd, Wieman, Cunningham, Allison, Day, Mrs. Pipal.

GRADUATE: Sinclair, Bell, Burt, Myers, Stelter, Smiley.

HEALTH: Chandler, Pipal, Hodgdon, Sawyer, Bird, Allison.

CLUBS: Bird, Day, Shedd, Chandler, Mrs. Pipal, Lindsley, Myers.

GROUND, BUILDINGS: Smiley, Bell, McLain, Chandler, Hardy, Christlett, Christie.

LIBRARY: Cook, Odell, Myers, Chandler, Fisk, Fales, Smiley.

LABORATORIES: Shedd, Esterly, Chandler, Smiley, Morse, Selle.

RULES, DISCIPLINE: Burt, Myers, Ward, Wieman, Chandler, Bird, Day.

SOCIAL LIFE: Myers, Mrs. Pipal, Day, McLain, Thompson, Hodgdon, Crawley.

HISTORY AND ORGANIZATION

CHRONOLOGICAL DEVELOPMENT OF OCCIDENTAL COLLEGE

- 1885—Pastors and laymen of the Presbyterian churches of Los Angeles organized under Rev. W. S. Young, D.D., for the founding of a Christian institution of higher learning in Los Angeles.
- 1886—"The Presbyterian Ministerial Union," superseding the former organization, requested Rev. Samuel H. Weller, D.D., to outline the plan of the college.
- 1887—On April 20th, "The Occidental University of Los Angeles" was incorporated.
- 1888—Formal opening of institution, September 11th, under presidency of Dr. Samuel H. Weller.
- 1888—McPherron Academy, founded 1886, absorbed as part of the College.
- 1892—On July 8th, with other changes in charter, the name of the institution became "The Occidental College of Los Angeles."
- 1893—First degrees granted.
- 1897—Alumni Association organized.
- 1901—School of Music established.
- 1905—Associated Student Body organized.
- 1906—Deanship of Women established.
- 1908—School of Music discontinued.
- 1910—Academy voted discontinued; instruction to close in June, 1912.
- 1910—April 7th, with changes in charter, College became non-sectarian.
- 1910—Occidental Women's Club organized.
- 1911—Graduate Council of Alumni Association organized.
- 1916—President's Advisory Committee established.
- 1918—Federal S.A.T.C. and R.O.T.C. established and continued till 1919.
- 1918—January 4th, Alumni Day established.
- 1918—Pre-technical and Pre-professional courses established in co-operation with other institutions.
- 1921—The granting of the State High School Teachers' Credential in Physical Education authorized by the State Board of Education.
- 1921—April 20th, Founders' Day established.
- 1922—April 7th, women graduates admitted to membership in the American Association of University Women.
- 1922—Graduate School founded.
- 1922—School of Education founded; granting of California Elementary and High School Teacher's Credentials authorized by the State Board of Education.
- 1924—January 1st, campaign to add half million to endowment completed, with \$150,000 additional subscribed.

SITES OF THE COLLEGE

In the course of its history Occidental College has occupied three sites. From 1887 to 1896 it was located east of the city limits, on Boyle Heights, between First and Second Streets. On the destruction of its main building by fire, January 13th, of the latter year, sessions were held in the Boyle Heights Presbyterian Church until Commencement, and for two years thereafter in rented quarters on Hill Street between Sixth and Seventh Streets. In 1898 buildings were ready for occupancy on a new site in Highland Park. In time certain features of this location rendered it unsuited to the needs of the rapidly growing institution, and in the summer of 1914 the College was removed to its present campus in Eagle Rock.

SUCCESSION OF PRESIDENTS

Following is the succession of Presidents of the College:

*SAMUEL H. WELLER, D. D., 1887-1891.

*J. M. MCPHERRON, A. M., 1891-1894.

*ELBERT N. CONDIT, A. M., 1894-1896.

J. W. PARKHILL, D. D., 1896-1897.

GUY W. WADSWORTH, D. D., 1897-1905.

W. S. YOUNG, D. D. (Acting), 1905-1906.

JOHN WILLIS BAER, Litt. D., LL. D., 1906-1916.

THOMAS G. BURT, Ph. D. (Acting), 1916-1917.

SILAS EVANS, D. D., LL. D., 1917-1920.

THOMAS G. BURT, Ph. D. (Acting), 1920-1921.

REMSSEN DU BOIS BIRD, D. D., 1921—

*Deceased.

GOVERNMENT OF THE COLLEGE

By the Articles of Incorporation the government of Occidental College is committed to a self-perpetuating Board of Trustees, in voluntary association for maintaining the Corporation under the laws of the State of California. The Board consists of twenty members, four of whom are elected annually to serve for a period of five years. The Trustees must be citizens of the United States, members of an evangelical church, and a majority residents of California. They are empowered "to receive and to hold real and personal property; to erect buildings, established and maintained for educational purposes, with all power necessary to maintain and conduct a non-sectarian college of Liberal Arts and Natural Sciences; to grant such literary honors as are usually granted by any college of learning in the United States, and to give suitable

diplomas under seal and signature of such officers of the College as shall be deemed expedient."

The Board elects administrative, instructional, and other officers and determines the general policies of management and control. The Articles of Incorporation provide that "the teaching and management of the College shall always be in accord with that of the evangelical Christian churches concerning fundamental doctrines of Christianity."

The President, with the aid of the administrative officers and faculty, has power and authority in all the general administrative functions within the College.

The President's Advisory Committee was recognized in 1918 as an integral part of the Administration. It is composed of the Dean, the Dean of Men, the Dean of Women, and three faculty members elected by the faculty. Executive acts relating to faculty position and tenure of office are submitted by the President to the Advisory Committee.

The Dean of the College, as an administrative officer, assists the President, is a member of his Advisory Committee, supervises registration, and in general has charge of all matters pertaining to the interests of students.

The Dean of Men and the Dean of Women, as administrative officers and members of the President's Advisory Committee, are respectively concerned with all matters pertaining to the interests of men and women in the College, including a general supervision of their boarding and housing conditions and of their social life. Each also acts in an advisory capacity regarding the general and personal plans and activities of men and women students.

The President appoints the Standing Committees of the Faculty, which administer for the faculty within their various provinces.

The department faculties offer such courses as have been approved by the proper faculty committee, have direction of the work of instruction, and through the heads administer the affairs of the departments.

LOCATION

Occidental College is situated in the northern suburbs of Los Angeles, the metropolitan educational and cultural center of the Pacific Southwest. Its location affords the College exceptional opportunities of contact with representative national culture. Particularly is this true in regard to the arts, social sciences, religious education, and humanities in general. Several libraries and mu-

seums, containing collections of great scientific interest and value are located in and about the city. Among these are the Huntington Library, with its world-famous collections of rare volumes; the Los Angeles Public Library of over six hundred thousand volumes; the Southwest Museum, containing a remarkable collection of early California and old Spanish records; the Otis Memorial Art Institute; the Clark Astronomical Museum; and the Art Museum and State Exhibit at Exposition Park. Within a few miles of the College are the Mt. Lowe and Mt. Wilson Astronomical Observatories. Los Angeles is well known as an artistic center in musical, dramatic, and graphic arts. Numerous exhibitions and concerts are held in the city annually; it is visited by all leading dramatic productions; its frequent conventions bring state and national discussion of political, social, and religious interests; its religious institutions afford opportunity for a rich and liberal spiritual education; a number of men, nationally and internationally famous, may be heard in the city annually.

THE COLLEGE CAMPUS is in proximity to these interests, yet sufficiently removed from city distractions. The Campus is composed of nearly a hundred acres, resembling in shape a roughly drawn semicircle. Low hills mark its diameter, while the curved portion includes a considerable section of valley. One of its charms, as seen from its highest point, is its diversity. Above its hills rise the Sierra Madre Mountains, including Mt. Lowe and Mt. Wilson. In two other directions the sky line is broken by Verdugo and Santa Monica ranges. A lower area toward the southwest gives direct access to the sea breeze, which purifies and tempers the atmosphere.

The average mean temperature of the locality for the months in which the College is in session is sixty degrees, with an average variation of ten degrees. The average rainfall, confined chiefly to the months from December to March, inclusive, is normally about sixteen inches.

The Campus adapts itself well to its usages. On a convenient slope appears the general contour of a natural open-air theatre, for the development of which gifts are forthcoming. Below this is a native grove of wide-spreading live oaks. A considerable sum has recently been provided for ornamentation of the Campus as eminent landscape artists may direct.

THE QUADRANGLE, outlined by the buildings of the College, is located at the foot of the hills which form the eastern boundary of the Campus. During the year 1922 its landscape gardening was

greatly improved through the generosity of Mr. William Meade Orr, of Alhambra.

THE GATE marking the entrance to the ornamental drive through which the Campus is approached, is also the gift of Mr. Orr.

BUILDINGS AND EQUIPMENT

JOHNSON HALL OF LETTERS and FOWLER HALL OF SCIENCE form the principal unit of the upper or east side of the main quadrangle. Their characteristic design, after the style of the Italian Renaissance, sets a general architectural plan for all the permanent buildings of the Campus. Their structural frame is of reinforced concrete, the exterior being finished in white stucco with stone trimmings. Both are strictly fireproof. The former is the gift of Mr. and Mrs. O. T. Johnson, of Los Angeles, who are credited with various other generousities to the College. The latter, a memorial to Mr. Eldridge M. Fowler, of Pasadena, was erected by his daughter and granddaughter.

In Johnson Hall, on the first floor, are located the Administrative offices, the College Post Office, the Students' Co-operative Book Store, the Y.W.C.A. Hall and the social rooms for women. In the south end of the building is a Chapel of the Old English type, known as Alumni Hall. The remainder of the building is devoted to lecture and class rooms and the offices for various departments of instruction in the liberal arts.

Fowler Hall provides commodious, well arranged quarters for the departments of natural sciences. The laboratories incorporate the usual facilities and adequate modern apparatus demanded for demonstration and experiment. Part of the first floor is occupied by a Social Hall, Y.M.C.A. quarters, and locker rooms for men.

THE UPPER QUADRANGLE, an ornamental terrace which separates these buildings, is approached by broad flights of concrete steps, while from the terrace itself similar steps lead to the second floor of either building.

THE LIBRARY, at the south side of the quadrangle, is an anonymous gift in memory of Mrs. Mary Norton Clapp, wife of E. P. Clapp, of the Board of Trustees. It was completed in March, 1924, at a cost of one hundred and fifty thousand dollars.

Through the generosity of Mr. David B. and Mrs. Mary H. Gamble, of Pasadena, the College has been provided with a special endowment fund of fifty thousand dollars, the income of which is devoted to the purchase of books for the library, which at present contains twenty thousand volumes. Magazines, in file and current

numbers, are also available. The advantages of the Los Angeles Public Library, containing over six hundred thousand volumes, are available to all members of the College.

JAMES SWAN HALL, at the west side of the quadrangle, is a dormitory for men, erected by Mrs. Frances B. Swan, of Pasadena, as a tribute to her husband. On the ground floor is a large club room, well-furnished with open fire-place and home-like appointments. Special features of the dormitory are the sleeping balconies on the top floor and the shower baths throughout the building. Of strictly fireproof, modern construction, the Hall provides comfortable living quarters for men students at a reasonable cost.

ORR COURT: Plans are in preparation for the erection of a Women's Building and Residence Court, given by Mr. William Mead Orr in memory of Bertha Harton Orr. The first unit, costing one hundred and fifty thousands dollars, is to be part of a structure costing three hundred and fifty thousand dollars.

THE COMMONS, located at the north of the quadrangle, furnishes accommodations adequate for the providing to the entire college of wholesome food at moderate cost.

THE WOMEN'S GYMNASIUM, north of Johnson Hall, was completed in 1922. It contains rooms for examination and clinic, offices for the administration of the department of Physical Education and Hygiene for Women, locker rooms, hot and cold baths, indoor and outdoor courts, modern apparatus, and other equipment required for training in physical education. The large indoor court provides ample space for mass drill or for assembly in an auditorium with capacity of five hundred.

PRESIDENT'S HOUSE, among the oaks at the north end of the campus, was completed in 1922.

THE GREEK THEATRE, about which preliminary planting has begun, was projected by the Class of 1923, which made the first subscription towards its building.

THE W. C. PATTERSON STADIUM AND ATHLETIC FIELD, named in honor of a friend of the College, for years one of its trustees, was erected by Mrs. Patterson. The concrete bleachers at either side of the athletic field, with the covered grandstand at the north end, have a combined seating capacity of seven thousand five hundred. In connection with these structures, dressing rooms, lockers, and shower baths are provided. The enclosed athletic field provides turf football field, baseball diamond, tracks, and other equipment and facilities ample for physical training and outdoor sports.

THE TENNIS COURTS are the gift of Mr. A. E. Bell, a mem-

ber of the first graduating class of the College and of the Board of Trustees.

THE HEATING PLANT, centrally located, supplies steam heat in modern equipment for all the buildings.

AUTOMOBILE SHEDS, sufficient to house the machines of all who reach the campus by this means of transportation, are in readily accessible locations. Reservable on payment of nominal fees, they eliminate the menace and nuisance of traffic and parking within the limits of the College grounds.

ORGANIZATION OF CURRICULA

Occidental is distinctly a college of the Liberal Arts and Sciences. It offers instruction in the following curricula:

1—LIBERAL ARTS AND SCIENCES, leading to the degree of Bachelor of Arts.

2—GRADUATE COURSES in Liberal Arts and Sciences, leading to the degree of Master of Arts.

3—PROFESSIONAL COURSES, undergraduate and graduate, leading to the certification of teachers for all divisions of the elementary and secondary schools of the State of California.

4—PREPARATORY TECHNICAL AND PROFESSIONAL undergraduate courses, which are Pre-Engineering, Pre-Legal, Pre-Library, Pre-Medical, and a College-Hospital Course, all leading to the degree of Bachelor of Arts in Occidental College. Each course requires the completion of senior standing and of one year in an accepted institution for which the student prepared, except in the case of the College-Hospital Course, which leads to the degree and fulfillment of the requirements for registration under the State Nurses' Registration Act on completion of senior standing and two years in the Pasadena Hospital.

ADMISSION TO THE COLLEGE

Application forms for admission of candidates from other institutions, and recommendation blanks for applicants from preparatory schools, will be furnished by the Dean upon request. Since the admission of freshmen is limited, application may be made a year or more in advance of entrance. No application will be accepted and recorded until all the conditions regarding admission have been fully met. Failure to comply with the regulations may be regarded as withdrawal of the application. An applicant must be at least sixteen years of age at the time of entrance.

TUITION FEE DEPOSIT

Each application for admission must be accompanied by a deposit of twenty-five dollars on the tuition fee of the first semester before an applicant is placed on the accepted list. Fifteen dollars of this sum will be returned in case of withdrawal before September first. After that date no refund will be made.

LIMITED FRESHMAN ENROLLMENT

For the year 1924-25, the registration of freshmen will be limited. A number of candidates will be placed upon the accepted list in the order of their application. When this limited list is closed, all applicants will be received on a competitive basis, the Committee on Admission reserving the right to select those whose record and personality indicate them best qualified to profit by the opportunities which the College affords. Preference will also be given to those who signify their intention of continuing at Occidental through the entire four-year course.

ENTRANCE REQUIREMENTS

Admission to Occidental College without examination is granted to certified graduates of preparatory schools who meet the following requirements:

1—The school must be accredited by the College.

For the high schools of the State the accepted standard of accreditation is set by the State Board of Education, which by a resolution directs that "all public high school curricula in California require for graduation after July 1, 1920, the following: English, 2 units; United States History and Civics, 1 unit; laboratory science, 1 unit; and all such curricula must be so organized as to include

two majors of at least 3 units each—a major consisting of three years of study in one of the following groups: (1) English (in vocational courses 1 unit of citizenship may be included with 2 units of English to make one major); (2) mathematics, including mechanical drawing; (3) history and social sciences; (4) physical and biological sciences; (5) foreign languages—3 or more units in one language, or two units in each of two languages.”

For schools outside of California, the lists of standard accrediting boards and associations and of the different state universities will be consulted; or the equivalent of the California requirements will be determined by the faculty Committee on Admission.

2—The applicant must present a minimum of fifteen entrance units, all of recommended grade.

Each entrance unit represents preparatory work in an accredited school in one subject during a year of thirty-six to forty weeks, with daily recitations of not less than forty-five minutes each, or double this amount of time in the laboratory.

A subject personally recommended by the principal of the school will be accepted as of recommended grade.

3—The fifteen units offered for entrance must include:

English	2 units
A Foreign Language.....	2 units
United States History and Civics.....	1 unit
A Laboratory Science.....	1 unit
(Chosen from 3a, b, c, d, e, f of Admission Subjects.)	
Algebra	1 unit
Geometry	1 unit
Electives	7 units
(Not more than three from subjects 7, 8, 9, 10, 11, 12, 13 on the list of Admission Subjects.)	

For the year 1924-25 applicants who present fifteen recommended units, though deficient either in one of the two required in mathematics or in those in foreign language, may be accepted provisionally. Such deficiencies must be removed during the student's first year in college, the removal taking precedence over his college work. The College makes no provision of classes, however, in such work in mathematics. Language deficiencies may be met through college courses, for which additional fees will be charged.

4—Each applicant must be personally recommended by the principal of the school as fit to be admitted into the College by reason

of his ability and scholarship, his seriousness of purpose, and his moral character.

This statement is included in the application blank furnished by the College, which must be filled out with the candidate's record and other desired information, and signed by the principal.

ADMISSION BY EXAMINATION

The following classes of applicants may qualify for entrance by examination:

1—A graduate of an accredited school with recommended credits in less than the required fifteen units may enter by passing satisfactory examinations in a sufficient number of credits to meet the requirements.

2—A graduate of a preparatory school not accredited, who is strongly recommended by the principal of his school, will be admitted upon passing satisfactory examinations in such subjects as will meet the entrance requirements of the College.

3—Any applicant may be admitted by passing satisfactory examinations in all subjects constituting a standard high school course necessary for entrance. The arrangement of subjects to be presented may be made with advice of the Dean. The subjects required will depend upon the applicant's maturity, previous training, and proposed course of study in the College.

Application for admission on less than fifteen units will not be considered.

Laboratory notebooks must be presented at the time of examination by applicants who take entrance examinations in science.

A statement, bearing the signature of some responsible person, that the candidate is morally and intellectually fit to be admitted to the College, must accompany each application for admission by examination.

TIME AND PLACE OF ENTRANCE EXAMINATIONS

Entrance examinations may be taken at the College at the opening of each semester, or at other times on application to the Dean. A fee of one dollar is charged for each examination in each subject.

Partial or complete certification by examination may be presented in official reports of successful examinations taken under the direction of the College Entrance Examination Board, which holds its examinations usually in June in Los Angeles and in various

localities throughout the United States. Requests for information regarding these examinations must be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y.; and application to take the same must be made on a form provided upon request by the Secretary of the Board. Requirements in the various subjects in which examinations are held may be had in Document 105 (price twenty cents), issued by the Secretary of the Board.

ADMISSION SUBJECTS

A list of admission subjects, with the amount of matriculation credit allowed in each, is given below. For a description of these preparatory subjects reference should be made to the announcement of the College Entrance Examination Board mentioned above. Subjects for which equivalent courses are offered in the College are marked with the dagger. Descriptions of these may be found in the announcements of Courses of Instruction.

No.	Units	No.	Units
1a	English, elem. 2	†5b ⁴	Latin, adv., 4th yr. 1
1b	English, adv. I. 1	5c ¹	French, elem., 1 yr. of 5c ² 1
1c	English, adv. II. 1	†5c ²	French, elem. 2
2a	Algebra, elem. 1	†5c ³	French, intermed. 1
2b ¹	Algebraic Theory, I. ½	†5c ⁴	French, adv. 1
2b ²	Algebraic Theory, II. ½	5d ¹	German, elem., 1 yr. of 5d ² 1
2c	Plane Geometry 1	†5d ²	German, elem. 2
2d	Solid Geometry ½	†5d ³	German, intermed. 1
†2e	Plane Trigonometry ½	†5d ⁴	German, adv. 1
†2f	Plane Analytic Geometry ½	5e ¹	Spanish, elem., 1 yr. of 5e ² 1
3a	Physics 1	†5e ²	Spanish, elem. 2
3b	Chemistry 1	†5e ³	Spanish, intermed. 1
3c	Physiology and Hygiene 1	†5e ⁴	Spanish, adv. 1
3d	Botany 1	†6a	Freehand Drawing 1
3e	Zoology 1	†6b	Geometrical Drawing 1
3f	Biology 1	7	Mechanic Arts ½-3
3g	Physical Geography 1	8	Agriculture ½-3
3h	Physical Science 1	9abc	Home Economics ½-3
4a	History and Gov. of the U. S. 1	10a	Music, Sight Singing and Dictation 1
4b	History, Ancient 1	10b	Music, Elements of Composition 1
4c	History, Med. and Mod. 1	10c	Music, Instrumental and Vocal Technique 1
4d	History, English 1	10d	Music, History of Modern European Music 1
†5a ¹	Greek, elem. 1	11	Bookkeeping 1
†5a ²	Attic Prose 2	12	Stenography and Typewriting 1-2
†5a ³	Attic Prose, adv. ½	13	Military Science and Tactics ½
†5a ⁴	Homer ½		
5b ¹	Latin, elem., 1st yr. 1		
5b ²	Latin, elem., 2d yr. 2		
†5b ³	Latin, adv., 3d yr. 1		

GENERAL REGULATIONS

REGISTRATION

On or before the appointed registration days of each semester, each student must obtain in person a certificate of registration at the office of the Dean. This certificate must show the study-list of courses for which the student proposes to enroll, approved by a faculty adviser or major professor and signed by the Dean. The certificate must also be signed by the Business Manager, showing that all college bills for the semester are met or arranged for at the time of registration.

Students previously matriculated who delay registration beyond the first Friday of the semester, will be charged a special fee of one dollar. Registration for full-time work will not be permitted later than three weeks after the beginning of instruction.

STUDY-LISTS

Each student at the time of registration must select with the signed approval of the official adviser the course of study which he intends to pursue. All work for which college credit is desired must appear on the study-list. No student will be admitted to any classes or exercises of the college except as authorized by the certificate of registration and the study-lists of the student. It is expected that a student's study-list shall include all required work appropriate to the year of his course.

Lower division and special students may be advised by any member of the Committee on Registration. Upper division students must consult their major departments. Any special student or student in the lower division may, however, select the department in which he is chiefly interested or intends to do major work, and seek advice from this proposed major department. Students are advised to follow this plan, in order that they may have proper advice regarding the prerequisites and the nature and affiliations of their major interests.

Students contemplating work for a teacher's credential must consult the head of the School of Education on beginning the work of the upper division in order that requirements may be properly met.

AMOUNT OF WORK

The work of the College curriculum is measured in terms of

"units." One unit is understood to represent one semester hour or one hour a week in the classroom throughout a semester, three hours ordinarily counting as one when devoted to laboratory or field work. Each unit of credit represents, for the average student, three hours of actual work each week throughout the semester; as one hour of recitation or lecture, and two of preparation or subsequent reading, or equivalent amount of work in the laboratory.

Twelve units of work per semester, exclusive of the required units in physical education, is the minimum and eighteen the maximum for which any student will be allowed to register for credit. During his first semester in the College, the maximum for any student, exclusive of required physical education, is seventeen units. Subsequently a student whose average scholarship in any semester falls below 3, or whose record shows an "incomplete," "condition," or "failure," will be limited to fifteen units or less in the following semester. In general it is advised that in the lower division a student's program should average sixteen units per semester, exclusive of required work in physical education, and in the upper division, fifteen units.

Permission to register for less than twelve units or for more than eighteen must be sought of the proper faculty committee on formal petition through the office of the Dean. These requests will be granted only on urgent reasons and sound bases. In general such petitions are discouraged by the Committee.

CHANGES IN STUDY-LISTS

During the first week of a semester a student may change his study-list by addition, substitution, or discontinuance of courses with the consent of his adviser and the Dean. Subsequent changes may be made only on petition to the proper committee through the office of the Dean. Such petitions must have the approval of the major department or the faculty adviser and the instructors concerned. Ordinarily a course cannot be discontinued after the first six weeks of the semester. A course discontinued in other than the regular manner will be recorded as a failure.

A fee of one dollar is charged for each change in a study-list after the first Friday of the semester, and a fee of two dollars for the discontinuance of a course after the close of the second week of the semester.

FAILURE TO FILE STUDY-LISTS

After the first Friday of the semester a fee of one dollar will be charged for late filing of a study-list with the Dean. Any stu-

dent who fails to file his study-list is not properly enrolled and may be denied all credit for the semester's work.

ADVANCED STANDING

Students from other institutions of recognized collegiate rank and from well-established junior colleges will be admitted to such advanced standing as the faculty Committee on Classification may find just and equitable. Advanced standing will be granted only on the basis of official transcript of records showing in detail the work completed in other institutions and the basis upon which the applicant was matriculated, accompanied by a letter of honorable dismissal.

Early graduates of the State Normal Schools, who are also graduates of accredited high schools, may enter the College with a credit of thirty-two units and exemption from certain prescribed lower division work in physical education and hygiene. Forty-eight unadjusted units will be allowed when the applicant in one semester's work can complete the subject requirements for the junior certificate. Beginning with the 1921 graduating classes of California teachers' colleges, this advanced credit may be increased to sixty units for two years' work, or more for three years' work, whenever the courses completed in the teachers' college have been substantially the equivalent of the work of the College. Credentials of graduates of teachers' colleges of other states are similarly evaluated. Should such students become candidates for the California High School Teacher's Credential they may be exempted from an additional one-half year of residence work required beyond the bachelor's degree.

In exceptional cases, permission may be given by the proper faculty committee to receive credit on examination for work equivalent to regular college courses, though not completed in an institution of recognized collegiate rank. Such examinations will cover the work as given in the College. Formal application for such examinations, with satisfactory evidence of the work completed, must be presented to the Dean.

The amount of credit accepted on transcript will be limited for each semester to the amount allowed under the rules of Occidental College. In no case will advanced standing be granted beyond one hundred units. Applicants must in all cases meet the scholarship requirements of the College, and must fulfill the entrance, junior certificate, and graduation requirements before they will be recommended for the degree.

Advanced standing granted either on transcript of credits or on examination is provisional during the first semester of residence.

Students already admitted to the College should consult the Dean or the major department before undertaking summer session work. Not more than six units from any one summer session of six weeks will be credited toward the degree, either in the case of regular students or of those transferring from other institutions.

EXCESS ENTRANCE CREDIT

A student presenting entrance subjects in excess of those required for admission may receive advanced standing for the same, provided they are college subjects and are of recommended grade. To receive such credit a student must, within two years after entering, either successfully continue the subject within the College, or pass a satisfactory examination on the work as given in the College. Not more than ten units of college credit will be thus accepted. The final acceptance of such work is dependent upon the student's general college record being of superior quality.

Preparatory subjects in which college credit may be acquired are as follows: 2e, 2f, 5a², 5a³, 5a⁴, 5b³, 5b⁴, 5c², 5c³, 5c⁴, 5d², 5d³, 5d⁴, 5e², 5e³, and 5e⁴. (See List of Admission Subjects.)

In general, three units of advanced college credit will be granted for each excess entrance unit representing elementary work in a subject, and four units for each entrance unit representing advanced work.

SPECIAL STUDENTS

Persons of maturity, giving evidence of unusual ability, whose preparation does not qualify them for regular entrance to the College, are sometimes admitted as special students, not candidates for the degree. As such, they are subject to the same regulations as properly matriculated students, though they are permitted to enroll only in such courses as they seem prepared to undertake. On withdrawing from the College they will be granted certificates showing the work completed. They may become candidates for the degree at any time by meeting all the entrance and college requirements.

A recent graduate of an accredited high school is not admitted as a special student. Such applicants must qualify for matriculation under the usual rules. On being regularly admitted, the student may, for sufficient reasons, be allowed to choose an elective or limited course of study; and upon special petition he may be excused

from requirements in physical education and hygiene, provided he is not a candidate for the degree. He may subsequently become a candidate for the degree by meeting all the college requirements.

MATRICULATION DEFERRED

No student will be fully matriculated until he has successfully completed one semester at the College with a satisfactory record in scholarship. At the end of that time his record will be reviewed and his status determined in accordance with the rules governing scholarship.

DISCIPLINE

Students are admitted to the College on recommendations as to their moral fitness, and the College expects all students to set and observe among themselves a proper standard of conduct, both within and without the College. Any student who violates the codes of common morality, honor, or good citizenship, or who refuses to abide by the regulations of the College, will be judged in the light of circumstances and given such penalty as the case may merit, ranging from admonition to expulsion. The College also reserves the right, without naming specific charges, to exclude from its privileges any student whose presence, in the judgment of the faculty and the administrative officers, has proved to be undesirable.

The Honor System in work and examinations has been voluntarily adopted by the students of Occidental, and a system of student self-government exercises certain functions within the student body. An Honor Court, composed of the President of the student body and six other upperclass students, undertakes with the cooperation of the College authorities to maintain the spirit of honor and the good name of the College. To this Court the President of the College may refer cases of student delinquency, especially those of dishonesty in work and examinations; or any student or instructor may bring such cases to the notice of the Court. The findings of the Court and its recommendations to the President of the College and the Committee on Rules and Discipline are ordinarily confirmed and voted as College judgments.

HEALTH SUPERVISION

The College exercises advisory supervision over the health of its students through its department of Physical Education and the office of the College Physician, Edmund H. Sawyer, M.D., who will

render services to the students free of charge under the following specifications:

1—Each student will be given a thorough medical examination at the beginning of each year, and upon request may receive a written statement of his physical condition.

2—Consultation and treatment of minor ailments and emergencies will be given on the College campus daily during regular office hours, from 9:00 to 10:00 a.m., excepting Saturday and Sunday. Members of the athletic teams will receive free treatment for minor ailments upon a schedule prearranged by the coach.

3—Four lectures for men and four for women on the subject of hygiene will be delivered each year, attendance upon which is required of all students in the College.

4—Service rendered outside of that specified above will be charged for at a liberal discount, and the account will be settled through the physician's college office.

Under the departments of Physician Education will be found statements of the work in these departments.

SCHOLASTIC REGULATIONS

EXAMINATIONS

Examinations are held regularly at the close of each semester and the standing of students for the entire course is reported to the Dean. Mid-semester examinations may also be required as a partial basis for mid-semester reports. Failure to take or to pass any regular, mid-semester, or other course examination will result in such deficiencies and disqualification as instructors may impose. These can be removed by special examination only, for which a fee of one dollar is charged. A like fee is charged for any similar special examination which any deficiency of a student's course may necessitate.

SCHOLARSHIP GRADES

Results of examinations, semester reports, and the general average of the scholastic standing of a student in his entire course are indicated by the following system of grades:

PASSING: 1, excellent; 2, good; 3, fair; 4, barely passing.

NOT PASSING: Incomplete (Inc.), indicating that while the work done is of passing grade, yet portions remain unfinished due to illness or similar unavoidable causes, not the fault of the student. This mark is not given when work has been neglected. It may be removed in such manner as the instructor may determine.

Condition (Con.), indicating that work is not of passing grade. It may be removed by an examination covering the work involved.

Failure (F.), to be removed by repetition of the course.

An "incomplete" or a "condition" becomes a "failure" if not removed within one year of the date on which it was incurred.

DISTRIBUTION OF GRADES

In the general practice of the members of the faculty, the distribution of grades depends upon the size, quality, and advancement in the curriculum of the classes, and admits of flexibility. It is normally considered that 1 is applicable to five to fifteen per cent, 2 and 3 to thirty-five to fifty per cent each, and 4 to five to fifteen per cent of students of passing grade.

AVERAGE GRADE

The average grade maintained by each student in each semester, and for his entire course, becomes a part of his permanent record.

In determining the average grade of a student's work, the number of units of credit in each course on the student's study-list is multiplied by the grade for that course, and the sum of the products thus obtained is divided by the total number of units. In thus estimating, a "condition," "incomplete," or "failure" is counted as five.

SCHOLARSHIP REQUIREMENTS

Mid-semester reports on the work of students are required of all instructors, and students are notified of their standing. Final semester reports are sent to all students. Parents or guardians will be notified when a student's scholarship is seriously delinquent.

A minimum average grade of 3 is required in the work of the lower division before a student can be granted the junior certificate, and in the upper division, as well as in his entire course, before he can be graduated.

Any student whose average scholarship in any semester is below grade 3 is placed on probation and he must limit his program of studies to fifteen units or less in a following semester. If he then fails to attain an average grade of 3, he may be disqualified from further attendance at the College. Any student who in any semester fails to pass in ten units of work, is similarly disqualified.

All first disqualifications are for one semester, during which time a student's record will not be transferred with honorable dismissal. A second disqualification is permanent. All disqualifications become a part of a student's permanent record.

When extenuating circumstances such as prolonged illness account for a student's disqualification, he may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester, and longer if his average grade during such time is not below 3.

The rules regarding scholastic standing in a major subject are stated under the regulations governing majors and minors.

ATTENDANCE, LEAVE OF ABSENCE, HONORABLE DISMISSAL

The College requires regular attendance of all students at the Chapel services and College Assemblies and at all classes for which they are registered. A copy of the rules governing attendance may be obtained from the Dean. These rules allow for a limited number of absences, but do not relieve the student from completing any of the work of the courses. In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing his work without such formal leave, may lose his privileges of registration and forfeit his right to a clear transcript of credits. A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

On petition to the proper committee, honorable dismissal, while in good standing, with rights of transcript of credit, will be granted a student who voluntarily is severing his connection with the College. For such withdrawal, a student under twenty-one years of age must present a letter of explanation from parent, guardian, or physician.

TRANSCRIPT OF CREDIT

A graduate of the College or a student in good standing, or one who was in good standing at the time of his withdrawal from the College, may receive an official transcript of credit and accompanying letter of honorable dismissal upon request and the payment of a fee of one dollar.

CLASSIFICATION OF STUDENTS

The class in which a student is to be ranked is determined at the beginning of the college year on the basis of the following scale of credits:

FRESHMAN: Fifteen entrance units, all of recommended grade, which fully meet the entrance requirements.

SOPHOMORE: Thirty units of college credit; but sophomore standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to complete the lower division by the end of the year.

JUNIOR: Sixty-four units of college credit and the completion of all other requirements for the junior certificate.

SENIOR: Ninety-four units of college credit in lower and upper

division courses; but senior standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to be graduated at the end of the year.

HONORS

GENERAL

On Commencement Day honors in scholarship are awarded to those students whose records qualify them for such distinction. **FIRST HONORS** are awarded on the basis of a minimum average grade of 1.3; **SECOND HONORS**, on a minimum average grade of 1.6. Both apply to the work of any year or to the entire course of any student.

CLASS HONORS are awarded to each member of any of the four classes, or to any graduate student, whose record for the year meets the requirements. For eligibility to Class Honors a student must maintain a record which shows at the end of the year: (1) no failures or unremoved incompletes or conditions; (2) at least twenty-four units of college credit earned during the year; (3) acquisition of rank in the next class.

FINAL HONORS are awarded to each member of the graduating class who has won Class Honors each of the four years of his course, or whose average for the four years equals the average required for Class Honors. A student from another institution, entering Occidental not later than the beginning of the junior year, will be eligible to Final Honors, provided in the judgment of the Committee on Classification his record for the preceding part of his course equals the qualifying standard. A graduate student who is a candidate for the degree of Master of Arts is eligible to Final Honors provided his undergraduate record is of qualifying standard.

DEPARTMENT HONORS may be awarded to any member of a graduating class who has maintained an average of 1.3 in twenty-four units of upper division work, either in the major department alone or in the major and minor departments combined. The heads of departments concerned have the privilege of naming the courses to be pursued, and of requiring such additional work as desired. Eligibility for Department Honors is based on a general average not lower than 2.5 in the work of the candidate's entire

college course. The head of a department in which honors are sought must be notified not later than the beginning of the second semester of the candidate's junior year.

THE HONOR SOCIETY

The Honor Society, founded by members of Phi Beta Kappa, each year elects to membership senior students of high standing on a basis similar to that of the national organization. Graduate students are also eligible to membership.

VALEDICTORY AND SALUTATORY

The rank of Valedictorian is awarded to that member of each graduating class who stands highest in scholarship average for the entire course.

The rank of Salutatorian is awarded to that member of each graduating class who stands second in scholarship average for the entire course.

Students from other institutions entering Occidental later than the beginning of the junior year are not eligible to these honors.

In addition to the Valedictorian and Salutatorian, each graduating class elects two other commencement speakers, usually from those students who have attained or most nearly attained Final Honors.

FEES, EXPENSES, AND AIDS TO STUDENTS

COLLEGE BILLS

The tuition and fees of the following schedules are required of all students granted admission to the College. The Board of Trustees of the College reserves the right to change, without notice, any of the rates herein printed.

GENERAL

Tuition, each semester.....	\$100.00
Student Activities, each semester.....	5.00
Graduation Fee, Bachelor of Arts.....	5.00
Graduation Fee, Master of Arts.....	10.00
Graduation Fee, Pre-technical Courses.....	50.00
Extension Fees, per unit.....	6.00

LABORATORY AND COURSE FEES

Students enrolled in laboratory courses are charged a laboratory fee of two dollars per unit of credit, except in the department of Chemistry, in which the fee is five dollars per unit.

A breakage deposit of \$5.00 is required for each laboratory course in Chemistry for which a student is registered. The balance remaining at the end of the course will be returned.

In the department of Physical Education for Women, a fee of two dollars per course is required for enrollment in any of the courses numbered from 1 to 8.

SPECIAL

Late or changed registration.....	\$1.00
Late filing of study-list.....	1.00
Discontinuance of course after second week.....	2.00
Examination at irregular time.....	1.00
Duplicate transcript of record.....	1.00

REGULATIONS

All college bills are payable in advance. Those of the first semester must be paid or satisfactorily arranged for by November 15th, and those of the second semester by March 15th. Students who fail to meet these conditions will not be admitted to classes after these dates. Before a student may register for a new semester all his bills for the preceding semester must be paid.

No student will be granted a diploma, or transcript of record to be used in transferring to another institution, until all his college bills have been paid in full.

No payments will be refunded for students who are dismissed or suspended or who leave college for any reason other than illness necessitating absence for more than half a semester. Refund will not be made for more than half such period of absence.

AVERAGE EXPENSES

For information concerning the College dormitories, see page 113, the Commons, page 114, College Bills, page 37. Lodgings may be had in the immediate vicinity of the College at prices ranging from four dollars a week upwards. A list of approved boarding and rooming places may be obtained at the offices of the Dean of Men and the Dean of Women.

A report issued by the American Association of University Women on expenses of students in over one hundred colleges, shows those for Occidental to be at the median of about six hundred and fifty dollars per year. This sum fairly represents for all students an estimate of average expenses.

STUDENT AIDS

SELF-SUPPORT

To assist and encourage both men and women students who must earn a part of their expenses while in college, organizations are maintained which undertake to discover and list opportunities of remunerative employment. Men students desiring employment should register with the Self-Help Committee of the Y. M. C. A.; women students should apply for information and advice at the office of the Dean of Women.

No responsibility can be assumed for supplying work, but plans can often be suggested through which students of initiative and industry may earn part of their expenses while in college. Only in rare instances can students be entirely self-supporting; nor should a student undertake to earn a larger part of his expenses than is absolutely necessary. A first-year student in particular will need time to adjust himself to college work, to systematize his time, and to discover opportunities of readiest casual work or to find regular employment which will not seriously interfere with his main object of securing an education. When the student has become oriented in his surroundings and his college work, he may, with

due diligence, devote twelve to twenty-four hours per week to outside work and still carry a program of from twelve to fifteen units of studies. It should be borne in mind, however, that these in themselves involve thirty-six to forty-five hours per week.

A student who wishes to earn part of his expenses will do well, therefore, to enroll for a program rather lighter than the average; he should attempt to find employment prior to the opening of college; or failing in this, should enter with a reserve fund sufficient to carry him through the first months. Due to the proximity of the campus to the city, opportunities for employment will not be lacking. Moreover, the schedule of classes often enables a student to order his time advantageously to outside work; for he may arrange his program of studies so that his afternoons are comparatively free, or that one or two days of the school week may be given over entirely to employment.

Self-supporting students are respected. Not a few of Occidental's graduates, including some of her most creditable representatives, earned a major portion of their expenses while in college. Self-maintaining students, whose scholarship standing is high, are given preference in awarding scholarships; and statistics in general would show that students of initiative and industry in self-support hold scholarship records well above the average.

SCHOLARSHIPS

Scholarships are intended as aids to students of high merit, as proved by previous attainments, who are chiefly dependent upon their own efforts in securing a college education.

A limited number of College scholarships are annually available to advanced students of highest standing in their major subjects, who act as readers or assistants, or in other capacities which are of distinct educational advantage in their major departments. These scholarships range in value from one-half to full tuition. They are usually awarded on nomination from the department concerned. Students may make application for these scholarships to heads of departments or to the Dean.

Additional scholarships are awarded for the relief of deserving students who are unable to pay tuition. The beneficiary is, in some instances, named by the donor; otherwise, by the Administration. A candidate for one of these scholarships must meet the following conditions:

1—Endorsement of application by some person of recognized standing in his home community.

2—Agreement to the understanding that he intends to complete his course at Occidental College.

3—Maintenance of creditable standing in his scholarship and in the College, with general demonstration that the assistance has been worthily bestowed.

4—Economy in personal expenses, and abstinence from tobacco.

THE BIDWELL FUND, an endowment of twenty-two thousand dollars, administered by the Board of Christian Education of the Presbyterian Church, is assigned to Occidental College for scholarship aid.

THE PRIDHAM SCHOLARSHIPS. Mr. R. W. Pridham, of South Pasadena, as a memorial of his deceased wife, has placed at the disposal of the Trustees a fund of twenty-five thousand dollars, the income from which is to provide scholarships for worthy students of limited means.

THE PEARL TIFFIN MEMORIAL. This fund of thirty thousand dollars, partially subject to an annuity, was given by Dr. W. W. Tiffin and wife in memory of their daughter. The income is to provide scholarships for young men and young women, preferably the latter, who are preparing to enter the medical profession.

THE ZECHARIAH DUNCAN MATHUSS SCHOLARSHIP is the income of a fund of five thousand dollars.

THE ARTHUR NOBLE SCHOLARSHIP is the income of a fund of thirty-five hundred dollars.

THE THEODORE C. KOETHEN SCHOLARSHIP, of the First Presbyterian Church of Eagle Rock, California, was founded in honor of a Gold Star man of Occidental College of the class of 1919. It is open to young men planning their life work for the foreign mission field, and also to the sons of foreign missionaries. Applications should be made in writing to the Clerk of Session of the First Presbyterian Church of Eagle Rock.

THE OCCIDENTAL WOMEN'S CLUB SCHOLARSHIP is awarded each year to some young woman selected on the basis of merit.

THE HORACE CLELAND SCHOLARSHIP, established by the Alumni Association, is awarded, for the junior year only, to that member of each class who seems best entitled to it on the general basis of need and merit.

THE RHODES SCHOLARSHIPS. Attention is called to the Cecil Rhodes Scholarships, yielding a value of three hundred pounds

for three successive years, tenable at any college in Oxford University, without restriction as to subjects pursued. Two such scholarships are regularly assigned to each state and territory in the United States. The qualifying examinations heretofore required of all candidates have been abandoned, and it is only necessary for a candidate to make formal application, endorsed by the institution from which he comes. Candidates must be unmarried, citizens of the United States, between the ages of nineteen and twenty-five, and must have reached the end of the Sophomore year. Selection is made on the basis of the candidate's record in school and college, with regard to the following points: (1) literary and scholastic attainments, (2) interest and success in sports, (3) character, (4) instincts for leadership and interest in fellowmen.

Occidental has twice been represented at Oxford through these fellowships.

THE YALE CLUB OF SOUTHERN CALIFORNIA annually awards a graduate scholarship in Yale University which may be won by a graduate of any college of southern California. The award is made on the basis of the applicant's need for financial assistance in order to be able to pursue study at Yale, his college record as a student and leader, and his strength of character. The scholarship is in the form of a loan of five hundred dollars, payable within five years after the student leaves Yale, and bearing four per cent interest from that time. No security for the payment of the note is asked other than the man's character. Applications should be addressed to the Secretary of the Scholarship Fund of the Yale Club of Southern California, University Club, Los Angeles.

PRIZES

PHI BETA KAPPA PRIZE. To stimulate a deeper interest in scholarship, the Phi Beta Kappa Alumni Association of Southern California offered for the year 1923-1924 a prize of fifty dollars, awarded in books, for the best essay on the general topic of "Scholarship and the State" written by a sophomore, junior, or senior in any of the standard colleges of southern California. Information regarding future contests may be obtained from the Dean.

The prize was won in 1922-23 by Isabel Corbett, of the Class of 1924, of Occidental College; and Donald C. Williams, of the Class of 1923, received honorable mention.

POLITICAL SCIENCE PRIZE ESSAY. A prize of twenty-five dollars is offered to students in the department of Political Science for the best essay on a subject announced at the beginning of each year.

The subject for 1924-1925 is "The Place of Political Science in a Liberal College Education." The prize is given by a former student in the department.

RELIGIOUS EDUCATION PRIZES. Prizes of twenty-five, fifteen, and ten dollars are given by a friend of the College to the three students who in the judgment of the department of Religious Education have done the best work during the year in the courses of the department.

BACHELOR OF ARTS DEGREE

The undergraduate course in the liberal arts and sciences leads to the degree of Bachelor of Arts. Upon completion of the course the degree is conferred upon the student by the Board of Trustees upon recommendation of the faculty. The faculty may recommend a student for the degree whenever the requirements have been met, and when so recommended at a time other than the regular commencement, the student is assigned to the class of the calendar year in which the recommendation is made.

REQUIREMENTS FOR THE DEGREE

The recommendation of the faculty for the conferring of the degree is contingent upon the satisfaction of the following requirements:

1—The completion of one hundred and twenty-four units of college credit. This credit must be based on full satisfaction of all entrance requirements, and must be distributed in proper manner over the work of the lower division, including all requirements for the junior certificate, and that of the upper division, including all requirements for the major and minor and for graduation. The requirements for graduation include a course in American Institutions as required by act of the State Legislature in Assembly Bill No. 307 of January, 1923. The requirements of the lower division and of the upper division are stated hereafter in detail. Exception is made in the case of students in the pre-professional and pre-technical courses who wish to enter a professional school at the end of the junior year. Rules governing this exception are stated under these courses of study.

Candidates for the degree and a state teacher's credential must complete the work required in practice teaching in addition to the one hundred and twenty-four units.

The election of work in any one department is limited to forty units of the one hundred and twenty-four required for graduation.

2—The attainment of an average grade of 3 for the entire course. Advanced credit from other institutions must meet this requirement, though it will not be accepted as more than grade 3 in estimating the general average grade. The candidate must maintain an otherwise honorable record, which must be free from all conditions at least six weeks before graduation.

3—The establishment of at least one year of residence, the final one of the course, with a minimum credit of twenty-four units of resident work, distributed as provided under the requirements of the upper division.

THE LOWER DIVISION

The lower division consists of the work of the freshman and sophomore years, so arranged as to correlate in flexible manner with the student's high school course, to acquaint him with fundamental aspects of several fields of knowledge, and to prepare a broad foundation for the more intensive work of the upper division.

The junior certificate marks the completion of the lower division. It signifies that with few exceptions all prescribed subjects not directly related to the advanced work in the major and minor have been completed either in the high school course or in the lower division.

For the junior certificate, sixty-four units of college work are required, based on full satisfaction of all entrance requirements. All candidates for the degree must have qualified for the junior certificate before proceeding to the work of the upper division.

The specific requirements for the junior certificate are indicated below. Some of these may have been met in part or in whole in the high school, though the fulfillment of any of these requirements in the high school does not diminish the number of units required after admission to the College for qualification either for the junior certificate or for graduation.

The requirements are as follows:

- | | |
|--|------------|
| 1—Physical Education | 2 units |
| One-half unit each semester. | |
| 2—Religious Education | 4 units |
| A two-unit course to be elected one semester of each year spent in the lower division. | |
| 3—Foreign Language | 15 units |
| In not more than two languages. Each year taken in high school counts for three units. | |
| 4—Natural Science | 12 units |
| Chemistry and Physics taken in high school count for half the requirement. Either subject alone counts for three units. Any course taken in college in fulfillment of this requirement must include at least one unit of laboratory work for each semester in the subject. | |
| 5—English | } 21 units |
| 6—History, Economics, Political Science | |
| 7—Foreign Languages, Mathematics, Philosophy | |

Nine units in one subject and six in each of two others. The three subjects must be English and one from each of the groups numbered 6 and 7. If foreign language or mathematics be one of the subjects chosen, the requirement may be partly or wholly met in the high school, provided the language be Latin, each year counting as three units; and provided the mathematics be plane trigonometry (2e) or plane analytic geometry (2f), each counting as two units. If foreign language be chosen, the credit must be in addition to that demanded under section 3.

In accordance with the scholastic requirements, a minimum average grade of 3 is necessary for advancement from the lower division.

The fulfillment of the requirement for graduation relative to a course in American Institutions may be met in the lower division by election of Political Science 1-2.

ADVICE REGARDING LOWER DIVISION WORK

While a student is meeting the specific subject requirements of the lower division, he may enter upon the work of other departments which he wishes to include in his college course; or he is entitled, though a lower division student, to proceed to such upper division courses as he may properly elect, all prerequisites as set by the departments having been satisfied. These courses constitute a part of his lower division program. However, until all requirements for the junior certificate have been met, upper division standing cannot be attained; and units accumulated by students of lower division standing beyond seventy in number, either in lower division or in upper division courses, cannot be counted as part of the one hundred and twenty-four required for graduation. In the case of students transferring from other institutions, sufficient adjustment of this regulation may be granted on petition to the Dean to permit of advantageous pursuit of studies.

As early in the lower division as possible, every student should determine the major and minor he later wishes to pursue, in order that their prerequisites may be included in his program of lower division courses. When a major subject has been chosen, the head of this department becomes the student's faculty adviser.

It should be noted that while in the lower division a student should not elect more units in his proposed major subject than are permitted under the regulation which forbids more than forty of the one hundred and twenty-four units required for graduation in any one department; for in general from eighteen to twenty-four units must be completed in a major subject after the student enters the upper division.

THE UPPER DIVISION

The upper division covers the work of the junior and senior years, normally amounting to sixty units. Except in the case of students transferring from other institutions, or those registered in certain three-year pre-technical and pre-professional courses, a candidate for the degree is not registered in the upper division until he has been awarded the junior certificate.

The requirements of the upper division are as follows:

1—The completion of a minimum of fifty-four units of college credit after the student has entered the upper division, with additional credit sufficient to raise the total number of units completed in the lower and upper divisions to one hundred and twenty-four.

2—The inclusion of four units of Religious Education in the work of the upper division; viz., an elective two-unit course one semester of each year spent in the upper division.

3—The completion of a course in American Institutions (see Political Science 101), unless the requirement has been met in the lower division.

4—The completion of a minimum of thirty-six units of upper division courses after the student enters the upper division, not less than twenty-four of which are devoted to a major in one subject and a minor in a related subject, eighteen units being the minimum for a major and six the minimum for a minor.

5—The attainment of an average grade of 3 in the work of the upper division as a whole. A student of the upper division, registered in a lower division course, may be required at the option of the instructor to complete additional work in the course.

MAJOR AND MINOR SUBJECTS

On entering the work of the upper division, following the receipt of the junior certificate, each student must have selected some one department in which he proposes to do his major work. From the time of such selection the advice of this department must be sought in planning the work of his program, including the choice of a minor, and his schedule must have the department's approval before he can register. The minor department advises regarding the specific work of the minor subject.

Complete information regarding major and minor requirements may be found in the announcements of the several departments, especially as regards the number of units required or recommended in each, and prerequisite and prescribed courses.

The following general regulations relate to the administration of all departments, under the supervision of the Dean:

1—No department may require for any of its recommendations more than twenty-four units of upper division work in the major subject nor more than ten units in the minor. A student will be graduated upon completion of the minimum requirements of eighteen and six units in major and minor subjects respectively.

2—Major departments shall be held responsible for the enforce-

ment of the regulation providing that not more than forty units of the one hundred and twenty-four required for graduation may be elected by the student and counted in any one department.

3—A student transferring from another institution, who is granted senior standing, must complete eighteen of twenty-four units required in residence in the upper division, twelve of which must be in a major subject. Transfers of less than senior standing will be required to meet substantially all the regular requirements.

4—It is advised that students continue the work of the major department throughout the four semesters of the upper division. It is required that regular major courses be completed in each of three semesters, including the last two.

5—Each department may set its standards of scholarship requirements for majoring and minoring in the department somewhat higher than those required for graduation, provided the average grade required does not exceed 2.5. In general students who fail to attain an average grade of 3 in the work of the lower division of any department will not be accepted by that department as majors or minors. The recommendation of the major department is necessary for graduation. Each department shall report delinquent scholarship of its major students to the Dean at the close of each semester.

6—A change in the choice of a major, after the student has entered the upper division, may be made only on permission of the Dean and the consent of both the departments concerned. A change in a minor may be made on consent of the major department and the Dean. A student changing major or minor departments must meet all the requirements of the new department.

7—A change of major necessitated on account of a departmental disqualification in scholarship in the major subject may result in the student being placed on probation by the proper faculty committee; and a student so disqualified a second time may be disqualified by the College.

8—All departments in which any student is preparing a major for a teacher's credential require that the student consult the School of Education at the beginning of such work.

THE GRADUATE SCHOOL

ORGANIZATION

The Graduate School of Occidental College was organized for the purpose of offering advanced courses of study in various branches of liberal arts and sciences, primarily in connection with the preparation for the High School Teacher's Credential. The work of the School is under the general direction of the Graduate Committee, which determines and administers the requirements and regulations of the School, including the graduate courses of instruction in the several departments, regulations for admission, and requirements for the graduate degree. It passes upon credentials of applicants for admission, receives and passes upon department recommendations regarding candidates, and nominates the same for the degree.

ADMISSION AND REGISTRATION

Graduates of colleges and universities of good standing are eligible for admission to the Graduate School in candidacy for the advanced degree in departments of study for which they are qualified by their previous work, or as special students, not candidates for a degree or honors. In exceptional cases, other persons of maturity and sufficient attainments may be admitted to graduate courses. An undergraduate of Occidental College, who lacks but twenty-four units or less of graduation, may be admitted to the Graduate School on recommendation of the head of his major department, subject to the approval of the Graduate Committee; provided that the schedule of the student does not exceed fifteen units, not more than twelve of which are undergraduate. Graduate courses so carried may subsequently be credited as graduate work.

Every student, upon entrance to the Graduate School, is required to register at the office of the Dean of the College, and must present, if candidate for a degree, an official transcript of his college record. The student shall then consult the head of the department in which he proposes to do his major work. His schedule must have this department's approval before he can complete his registration.

Every graduate student is admitted subject to such general regulations of the College as are not altered by those of the Graduate School.

FEES AND EXPENSES

The tuition fee is one hundred dollars each semester for regular work. A pro rata tuition is charged for partial work of less than ten units. The tuition of a student not in residence, who is completing his thesis, is twenty-five dollars for the semester in which the thesis is presented. A graduation fee of ten dollars is payable thirty days before graduation. Statements of laboratory fees may be found under the announcements of departments in which such fees are required. A discount of ten per cent is allowed on tuition to teachers in active work.

MASTER OF ARTS DEGREE

The Degree of Master of Arts is conferred upon students who have received a Bachelor's degree for a four-year undergraduate course from an institution of recognized standing, who satisfactorily meet the following conditions:

1. Approval by the major department of an undergraduate course in studies preliminary to those the student intends to pursue in the Graduate School. Additional undergraduate courses may be required by the department concerned in case the student's undergraduate work does not form sufficient unified basis for graduate work.

2. The completion of one year of graduate study in residence at Occidental College. Resident graduate work at an approved institution may be accepted as part of this requirement in so far as units are concerned, provided the character and quality of the work are satisfactory. In such case, the minimum requirement for a year of resident study shall consist of not less than four graduate units per semester.

3. The completion of a program of courses of instruction of advanced grade approved by the head of the department in which the major work is chosen. This program must include at a minimum twenty-four, and at a maximum twenty-eight units, inclusive of the thesis, which shall not be credited for more than four units. In case the student must complete additional undergraduate work, the Graduate Committee may permit a program of not to exceed fifteen units per semester. A minimum of one half of a student's graduate work must be completed in a single department. The remainder may be chosen, with the approval of the major department, in one or more minor departments so as to form a consistent plan of study. The work in any department may be partly or wholly

made up of research or special study carried on in residence under the direction or with the criticism and approval of the department.

4. A reading knowledge of at least one foreign language is required before a student will be accepted as candidate for the degree. Any department may require a specific language or languages. A reading knowledge of Greek, Latin, French, German, or in some cases Spanish will ordinarily meet this requirement. Evidence of sufficient attainment in languages must be attested by the major department and filed with the Dean before the opening of the second semester.

5. A thesis is required of each candidate for the degree on some subject approved by the major department, under whose direction the work is done. The subject of the thesis must be announced to the Graduate Committee by the opening of the second semester of the year in which the candidate expects to take the degree. The department concerned must approve the subject matter and extent of the thesis, and must recommend it in its final form to the Graduate Committee at least four weeks before commencement. If accepted by the Committee, two typewritten copies in a standard prescribed form must be deposited with the College Librarian two weeks before commencement together with a small fee to cover costs of binding.

6. Under each department of study will be found a statement of any specific requirements for the degree in that department. No student may continue to major in a subject who does not meet with the approval of the department.

7. Candidates for the degree of Master of Arts must have met the requirement of the Act of the Legislature regarding a course in American Institutions. (See Political Science 101.)

HIGH SCHOOL TEACHER'S CREDENTIAL

Graduate students who are candidates for the recommendation of the College for the California High School Teacher's Credential are registered in both the Graduate School and the School of Education. Certain work of the two Schools will coincide. The specific requirements for the credential are to be found under the statement of the School of Education.

SCHOLARSHIPS

A limited number of scholarships yielding from one hundred to two hundred dollars per year are open to regular graduate students of high merit in various departments of study. These scholarships

are intended primarily for those who expect to teach. A student receiving a scholarship may have its equivalent remitted from his tuition fee for service rendered in the department in which he is doing his major work. Application for appointment to graduate scholarships should be made to heads of departments or to the Dean of the College.

DEPARTMENTS OF STUDY

At the present time the College offers graduate instruction in courses containing a minor in the following departments: Botany, Chemistry, Economics, Education, English, French, Greek, History, Mathematics, Political Science, Philosophy, Physical Education, Physics, Spanish, and Zoology.

Major work for the degree of Master of Arts may be pursued in Economics, English, History, French, and Political Science.

THE SCHOOL OF EDUCATION

ORGANIZATION

The School of Education was established for the purpose of providing professional courses for students preparing to teach in the public schools of California and of neighboring states. It has been empowered by the State Board of Education to recommend properly qualified candidates for the following credentials: (1) the Elementary School Credential, (2) the Junior High School Credential, and (3) the High School Credential, in addition to (4) the Special High School Credential in Physical Education.

Arrangements have been made with neighboring public schools whereby excellent opportunities for practice teaching are provided.

ADMISSION AND REGISTRATION

Students with junior standing may be admitted to the School of Education as candidates for one or more of the credentials mentioned above. Each candidate, however, before registering at the beginning of his junior year, must report to the office of the Professor of Education for advice as to professional courses. He must present at the same time a tentative program of studies, prepared under the supervision of the head of the department in which he is taking his major work.

Graduates from institutions of recognized standing may be admitted as candidates for the General High School Credential providing they meet the requirements of the School of Education.

Graduates of normal schools and teachers of at least seventeen months' experience who become candidates for the High School Credential are allowed certain exemptions by the State Board.

REQUIREMENTS FOR CREDENTIALS

Recommendations for the various credentials will be made in behalf of candidates as follows:

1. For Elementary Credential:

Graduates of Occidental College who have completed fifteen units in the Department of Education, including Education 112 (two units), 114 (two units), 133 (one unit), 130 (two units), 136 (four units), and four units of electives.

A course in American Institutions (see Political Science 101) is also required.

2. For Junior High School Credential:

Graduates of Occidental College who have completed eighteen or more units in the department of Education, including Education 114 (two units), 119 (two units), 122 (one unit), 130 (two units), 136 (four units), a teacher's course in one of the subjects in which recommendation is sought, and electives (five units).

A course in American Institutions (see Political Science 101) is also required.

3. For High School Credential:

Graduates of Occidental College, or of other institutions of recognized standing, whose undergraduate work has included properly selected majors and minors and who have completed (1) one year of graduate work (twenty-four units) which must include a minimum of one full year course of advanced work in at least one subject in which they are preparing to teach and (2) twenty-one units in Education, including the following courses or their equivalents: Education 114 (two units), 119 (two units), 122 (one unit), 130 (two units), 206 (four units), a teacher's course in one of the subjects in which recommendation is sought, and electives (eight units).

A course in American Institutions (see Political Science 101) is also required.

4. For Special Credentials in Physical Education:

See Department of Physical Education.

For information in connection with exemptions for normal school graduates and teachers who have had at least seventeen months' experience, see State Board Bulletins No. 10 G. H. and No. 10 J. H.

All candidates for the High School Credential must have completed at least one major (minimum of thirty units) and at least one minor (minimum of twelve units) in subjects taught in high schools.

APPOINTMENT BUREAU

An Appointment Bureau has been established in connection with the School of Education to aid teachers in securing employment. Records of the students who have registered with the Bureau will be kept on file in the Office of the School of Education and copies of these records will be forwarded to school officials upon request.

A registration fee of two dollars is charged.

EXTENSION COURSES

In connection with the School of Education, certain of the regular courses of the various departments are offered primarily to teachers

and other advanced students of Los Angeles and vicinity. These courses are mainly upper division and graduate work, credited toward the credentials and the degree of Bachelor of Arts. Under favorable circumstances, where demand and facilities warrant, they may be held at such times and places as are most convenient for those enrolled. All graduate credit in such courses, applicable toward the Teacher's Credential, must be applied for in advance of taking any course. Blanks for making such application are provided. No extension work may be credited toward the Master of Arts degree.

In the case of such students as are enrolled in these courses, the minimum residence requirements for graduation (see Requirements for the Degree, Section 3) may be satisfied by twenty-four units of work, eighteen of which must be in the upper division, provided all other requirements are met by an accumulation of units. Twelve of these twenty-four units must be completed on the campus, of which number at least six must be in a major subject.

To further the work of such students, the College offers a part of its regular work at the Campus on Saturday mornings. This work is credited toward the degree of Master of Arts.

For students not otherwise regularly enrolled in the College, the fees for all extension and Saturday courses are six dollars per unit. No further registration fees are required.

PRE-TECHNICAL AND PRE-PROFESSIONAL COURSES

GENERAL REQUIREMENTS

The College offers three-year pre-technical and pre-professional undergraduate courses arranged to meet the needs of those students who expect to pursue professional or technical study following work in the liberal arts and sciences, but who find it desirable to accomplish both in a minimum of time.

Any student who satisfactorily completes one of these three-year courses and one year (or two in the case of the College-Hospital Course) in the professional or technical institution for which it prepares, will be granted the degree of Bachelor of Arts by Occidental College, subject to the following conditions:

1—Each course requires for its completion senior standing in Occidental College with ninety-four units of college credit, eighteen of which must be in upper division courses, taken in the upper division. Upper division standing in the case of each of these curricula is attained by meeting the lower division requirements of each and such proportions of the regular lower division requirements of the College as election within the course may permit. Election of studies is subject to the approval of the proper major department. The junior certificate will be granted only when the student has met all the regular lower division requirements.

2—The institution in which the student takes his professional or technical work must be one of those designated in the course, or of recognized standing approved by the Occidental faculty. A college of medicine to be approved must be of grade "A" on the rating of the American Medical Association, and schools of other professions must be of the same high order.

3—Full payment of all college bills due at the end of the junior year and a graduation fee of fifty dollars will be required in every case.

PRE-ENGINEERING COURSE

The Pre-Engineering course is arranged primarily for those who wish to continue their work after the junior year at the California Institute of Technology. At the close of one year of successful work in that institution, the degree of Bachelor of Arts will be granted by Occidental College. At the close of a second successful

year, the California Institute of Technology will confer the degree of Bachelor of Science.

The following course of study in Occidental College presumes the completion of courses in chemistry and geometric drawing in the high school.

FRESHMAN YEAR: Mathematics 3 and 4; Chemistry 1-2 and 3L-4L; Technical Drawing 3-4; Mathematics 1 and 2, unless trigonometry and solid geometry have been taken in the high school.

SOPHOMORE YEAR: Physics 1-2 and 1L-2L; Mathematics 121 and 122; Technical Drawing 15-16.

JUNIOR YEAR: Physics 5-6, 5L-6L, and 123-124; Mathematics 6 and 7; Chemistry 5L-6L.

Students seeking engineering degrees in chemistry or chemical engineering are also required to complete Chemistry 7-8 and 7L-8L.

Students contemplating a technical course in an institution other than the one designated above, will follow substantially the same course of study or such as the major department may advise.

Major department: Physics.

PRE-LEGAL COURSE

Depending upon the institution to which the student wishes subsequently to seek admission, the Pre-Legal course qualifies in general for the degree of Juris Doctor on completion of the requirements of the school of law.

The work of the course may well include, in addition to the regular lower division requirements of the College, History 1-2 or History 5, 6, Economics 1-2, Political Science 1-2, Speech Education 11 and 12, and Philosophy 3 (Logic); and such subsequent upper division courses in political science, economics, and history as are advised. The student should complete the requirements for the junior certificate in regular course of procedure.

Major department: Political Science, Economics, or History.

PRE-LIBRARY COURSE

The Pre-Library curriculum is intended to lead to the nine-month course of instruction in library science which the Los Angeles Public Library offers in its Library School, conducted since 1891 and accredited by the American Library Association. The object of this school is thorough preparation for any aspect of library work. Since it is connected with the City Library, with its large

collections and numerous branches, the student has exceptional opportunity for supervised practical work.

Broad preparation for this course in such departments as English, history, the social sciences, and modern languages is especially recommended. The student should complete the regular lower division requirements for the junior certificate.

A thesis, acceptable both to the Library School and to the major department in the College, is required for the completion of this course.

In California a special credential, with qualifications similar to those of a regular High School Teacher's Credential, is required of high school librarians. Candidates for this credential must complete the full four-year course at the College, including the work in Education required for the High School Teacher's Credential, before entering the Library School.

Complete information regarding the work of the Library School may be obtained by addressing the Principal of the Library School, Los Angeles Public Library, Los Angeles.

Major department: English, History, or Political Science.

PRE-MEDICAL COURSE

Subjects which should be included in the Pre-Medical course, preliminary to work in a class "A" medical school, are arranged as follows for those entering in 1924:

Prerequisite: high school Chemistry.

FRESHMAN YEAR: Chemistry 1-2 and 3L-4L; Zoology 1-2 and 1L-2L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together. Spanish will not be accepted in place of the last named requirement.

SOPHOMORE YEAR: Zoology 101 and 101L; Zoology 104 and 104L; Chemistry 5L-6L, or 7-8 and 7L-8L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together.

JUNIOR YEAR: Zoology 102 and 102L; Chemistry 5L-6L, or 7-8 and 7L-8L; Physics 1-2 and 1L-2L.

Students in this course are advised to take Botany 3 and 3L; Bacteriology Hygiene 3, Psychology 2, and Zoology 108, and 108L, at some time during the course, as arrangements can be made.

Major department: Zoology.

COLLEGE-HOSPITAL COURSE

The California State Board of Health, on July 6th, 1918, formally authorized the arrangement between Occidental College and the Pasadena Hospital whereby at the end of five years, three in the College and two given to practical nursing in the hospital, a student may obtain the degree of Bachelor of Arts and also meet in full the requirements of the Nurses' Registration Act as demanded of an accredited training school.

The subjects which must be included in the course are arranged as follows for those entering in 1924:

Freshman year: Zoology 1-2, 1L-2L; Hygiene 5.

Sophomore year: Zoology 101L, 107; Chemistry 1-2 and either 1L-2L or 3L-4L.

Junior year: Zoology 108, 108L, Botany 3 and 3L (Bacteriology).

In addition, the following courses are required before the end of the first three years: Economics 1-2; Hygiene 1-2 and 3; Psychology 2; Mathematics 1 and 2, unless trigonometry and solid geometry have been offered for entrance; French or German sufficient to make the credit earned in these two languages in high school and college equal 15 units. Spanish will not be accepted in place of the last named requirement.

Major department: Zoology.

DEPARTMENTS OF INSTRUCTIONS

Lower division courses are numbered 1 to 99; upper division, 100 to 199; graduate courses, 200 and above. L added to a number denotes a laboratory or field course. Hyphenated numbers, as 1-2, indicate a year course. Though it is generally intended that such a course be pursued throughout the year, a student may receive credit for either semester without the other unless the course is designated "Throughout the year only." Consent of the instructor is prerequisite to entering any hyphenated course in the second semester.

Any undergraduate course for which fewer than five students are enrolled at the beginning of a semester may be withdrawn.

Upon completion of such additional requirements as may be set by the instructor, certain of the upper division courses may be credited as graduate work. Enrollment of upper division students in graduate courses is limited to seniors who have met, with high grade, such prerequisites as departments may set.

The work of the College is mainly carried on during five days of the week. Classes begin at 8:30 a. m. and in general have finished by 3:30 p. m. Certain courses, primarily for teachers, are offered on Saturdays from 8:30 a. m. to 12:05 p. m. The schedule of classes published currently for each semester may be obtained on application.

BOTANY AND GEOLOGY

Professor Smiley

BOTANY

Major. Courses 101, 103, 105, 106, and 107-108.

Minor. Courses 101, 103, and 105 or 106.

Prerequisite to the major: Courses 1-2, 1L-2L, 4, and Zoology 1-2.

Prerequisite to the minor: Courses 1-2 and 1L-2L.

LOWER DIVISION COURSES

1-2. Fundamentals of Botany.

Lectures, with assigned reading, on the life of plants, their structure and classification. The first half of the course is concerned with the seed-plants; the second half with the cryptogams.

3 hours, throughout the year only. (6 units)

1L-2L. Elementary Botany Laboratory.

To accompany course 1-2, and prerequisite to all upper division courses in Botany.

2 laboratory periods, throughout the year only. (4 units)

3. Bacteriology.

Lectures on the bacteria and other microorganisms, with laboratory practice in microbiological methods. To alternate with course 101; given in 1924-25.

Prerequisite, Chemistry 1-2 and either Botany 1-2 or Zoology 1-2, or equivalents.

2 lectures and 2 laboratory periods, first semester. (4 units)

4. Plants and Plant Communities of Southern California.

Laboratory and field study of the native ferns and seed plants. To alternate with course 106; given in 1924-25.

2 laboratory periods, second semester. (2 units)

UPPER DIVISION COURSES**101. Fungi.**

Introductory to the study of plant pathology. To alternate with course 3; not given in 1924-25.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

1 lecture and 2 laboratory periods, first semester. (3 units)

103. Morphology, Taxonomy and Geographic Distribution of Spermatophytes.

Some field work required. To alternate with course 105; given in 1924-25.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

2 or 3 laboratory periods, first semester. (2 or 3 units)

105. Ornamental Plants.

Laboratory and field study of landscape gardening plant materials. To alternate with course 103; not given in 1924-25.

Prerequisite, course 1-2, and course 103 or junior standing.

2 or 3 laboratory periods, first semester. (2 or 3 units)

106. Economic Botany.

A course concerned with the more important economic plants, especially those of California. To alternate with course 4; not given in 1924-25.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

2 lectures and 2 laboratory periods, second semester. (4 units)

107-108. Thesis Course for Seniors and Graduate Students only.

Southern California, with its diversified topography and climatic contrasts, offers special opportunities for taxonomic and phytogeographic investigations; given in alternate years; not given in 1924-25.

Prerequisite, course 103 or 105.

2 or 3 laboratory periods, either or both semesters. (Hours and credit to be arranged).

201. Teachers' Course.

See Education 201.

2 hours, one semester.

GEOLOGY

Minor. Courses 111, 112 and 114.

Prerequisite to the minor: Courses 11-12, 11L-12L, and 14.

LOWER DIVISION COURSES

11-12. General Geology.

Lectures, with assigned reading, on physical and historical geology.
3 hours, throughout the year only. (6 units)

11L-12L. General Geology Laboratory.

To accompany course 11-12.

1 laboratory period or field trip, throughout the year only. (2 units;
students may also enroll for an additional half-unit each
semester).

14. Mineralogy.

Lectures, with assigned reading, on the minerals of common occurrence or economic importance, including the elements of crystallography and practice in mineral identification. To alternate with course 114; given in 1924-25.

Prerequisite, matriculation chemistry or Chemistry 1-2.

2 lectures and 2 laboratory periods, second semester. (4 units)

UPPER DIVISION COURSES

111. Geography and Geology of Latin America.

Given in alternate years; not given in 1924-25.

Prerequisite, course 11-12 or junior standing.

2 lectures, first semester. (2 units)

112. Geography and Geology of Eurasia.

Given in alternate years; given in 1924-25.

Prerequisite, course 11-12 or junior standing.

2 lectures, throughout the year. (4 units)

114. Economic Geology.

Lectures on the principal geologic deposits of economic value, with laboratory examination of maps, models, and ore samples. Some assigned reading in the publications of the U. S. G. S. and in the current journals is required. To alternate with course 14; not given in 1924-25.

Prerequisite, courses 11-12 and 14 or equivalents.

2 lectures and 1 laboratory period, second semester. (3 units)

CHEMISTRY

Professor Chandler

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2; 1L-2L or 3L-4L;
other courses in the lower division sufficient to make 14 units
altogether.

LOWER DIVISION COURSES

1-2. General Chemistry.

For those with and those without entrance chemistry. The class meets twice a week for lectures and demonstrations and once for quiz. Must be accompanied by course 1L-2L or course 3L-4L to satisfy the lower division requirement in science.

3 hours, throughout the year. (6 units)

1L-2L. General Chemistry Laboratory.

Laboratory course to accompany 1-2 for those without entrance chemistry.

2 laboratory periods, including 1 hour drill, throughout the year. (4 units)

3L-4L. Qualitative Analysis.

Laboratory course to accompany 1-2 for those with entrance chemistry.

2 laboratory periods, including 1 hour drill, throughout the year. (4 units)

5L-6L. Quantitative Analysis.

Practice in the general methods of gravimetric, volumetric, and electrolytic determinations. This outline will be modified for those desiring to use each method during half the allotted time. At suitable times during laboratory periods there will be class discussions of principles and methods, and individual solution of typical examples.

Prerequisite, course 3L-4L.

3 laboratory periods, including 1 hour drill throughout the year. (6 units)

7-8. Organic Chemistry.

Lectures and recitations on the aliphatic and aromatic compounds.

Prerequisite, course 1-2.

2 hours, throughout the year. (4 units)

7L-8L. Organic Chemistry Laboratory.

Preparatory and reaction of organic compounds

Prerequisite, course 7-8 completed or in progress.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

Any of the year courses numbered 5L-6L, 7-8, and 7L-8L, may count as upper division courses and be included in the major or minor if taken in the upper division after the completion of 14 units in lower division courses.

101-102. Physical Chemistry.

Lectures in the field of advanced chemistry, recitations, and readings. Given in alternate years with course 103-104.

Prerequisite, course 7-8.

2 hours, throughout the year. (4 units)

103-104. Technical Chemistry.

Consideration in detail of the processes employed in the chemical industries, and visits to neighboring plants. Given in alternate years with course 101-102.

Prerequisite, course 5L-6L.

2 hours, throughout the year. (4 units)

111L. Advanced Chemistry Laboratory.

Special methods of Quantitative Analysis, including water, gas, oil, feed, food, and electrolytic analysis; assaying, organic and inorganic preparations; physical chemistry measurements. The student may choose from these subjects sufficient to complete his major or his graduate work.

Prerequisite, course 5L-6L.

1 to 3 laboratory periods, either or both semesters. (1 to 6 units)

201. Teachers' Course.

See Education 201.

1 hour, throughout the year. (2 units)

DRAWING AND ART

TECHNICAL DRAWING

Assistant Professor Morse

LOWER DIVISION COURSES

1-2. Technical Drawing.

Involves the use of instruments, geometric construction, orthographic projection, principles of dimensioning and blue print reading. Practice in lettering and layout of titles. This course must precede all advanced work.

3 hours, throughout the year. (2 units)

3-4. Orthographic Projection.

Problems in projection, intersections of solids, development of surfaces and application to working drawings.

Prerequisite, course 1-2.

6 hours, throughout the year. (4 units)

7-8. Machine Drawing.

Sketching of machine details, tracing and assembled views.

Prerequisite, course 1-2 or 3-4.

6 hours, throughout the year. (4 units)

11-12. Topography and Map Making.

Ink rendering for map making, lettering tracing and blue printing.

Prerequisite, course 1-2.

3 hours, throughout the year. (2 units)

15-16. Descriptive Geometry.

Problems in lines, planes and solids; intersections and developments; isometric and perspective drawings.

Prerequisite, courses 1-2 and 3-4, Mathematics 2.

6 hours, throughout the year. (4 units)

UPPER DIVISION COURSES**117-118. Graphic Statics.**

Graphical solution of problems in mechanics and strength of materials; vectors and vector quantities; force and space diagrams; funicular polygons; beams; trusses; problems in simple machines. Identical with Mathematics 17-18.

Prerequisite, course 1-2 and Mathematics 1.

3 hours, throughout the year. (2 units)

121-122. Architectural Rendering of Shades and Shadows.

Accurate methods for determining the shadows of geometrical lines, plane figures and solids, and their application to the casting of conventional shades and shadows on the principal architectural members.

Prerequisite, courses 1-2 and 15-16.

3 hours, throughout the year. (2 units)

123-124. Architectural Perspective.

Theory and application of methods of drawing architectural perspectives.

Prerequisite, courses 1-2 and 3-4, course 121-122 completed or in progress.

3 hours, throughout the year. (2 units)

129-130. Architectural Drawing.

Architectural lettering, detailing and preparation of working drawings.

Prerequisite, course 1-2, 15-16, 121-122, 123-124.

6 hours, throughout the year. (4 units)

FREEHAND DRAWING

Mr. Weber

LOWER DIVISION COURSES**1-2. Elementary Freehand Drawing.**

Drawing in pencil, ink and pen, and charcoal, from models and still life, outdoor sketching, the principles of light and shade, and perspective.

Open to all.

3 hours, throughout the year. (2 units)

3-4. Landscape and Architectural Sketching.

Sketching from nature, architectural subjects, drawing from mem-

ory, composition. This course is recommended as a preparation for Course 7-8.

Prerequisite, course 1-2.

3 hours, throughout the year. (2 units)

5-6. General Drawing and Design.

Some suggested topics are: Figure and landscape sketching, advanced work in black and white and colored media, study of natural forms with application of same to design, conventional ornament, decorative and industrial design (stencil, fabrics, art craft, illumination, etc.)

Prerequisite, course 1-2.

3 to 6 hours, throughout the year. (2 or 4 units)

7-8. Architectural Rendering.

Pen, pencil, water color, and crayon as media. Perspective (linear and aerial). Landscape and foreground composition.

Prerequisite, course 1-2.

3 to 6 hours, throughout the year. (2 or 4 units)

9-10. Synopsis Course.

Fundamental principles of drawing of forms and of light and shadow. Expression in various media. Elementary design. Composition. Color.

1 hour, throughout the year. (2 units)

HISTORY OF ART

Associate Professor Cunningham

Prerequisite: recommended, History 1-2.

LOWER DIVISION COURSES

1-2. Survey Course.

First semester: Outline history of architecture and sculpture. Second semester: Outline history of painting.

3 hours, throughout the year. (6 units)

3. History of Ancient Art.

A study of pre-Grecian art.

3 hours, first semester.

5. History of Medieval Art.

Study of architecture, sculpture and painting, in the Romanesque and Gothic periods.

3 hours, first semester.

6. History of Renaissance Art.

(a) Study of Italian art in the fifteenth and sixteenth centuries.

(b) Study of the art of Northern Europe in the sixteenth, seventeenth, and eighteenth centuries.

3 hours, second semester.

UPPER DIVISION COURSES

Prerequisite: six units in the lower division.

108. Outline History of Art in the Nineteenth Century.

3 hours, second semester.

110. Outline of Aesthetic Theory.

A study of the fundamental principles of aesthetics and their application to the Fine Arts.

3 hours, second semester.

ECONOMICS AND SOCIOLOGY

Professor Day

Assistant Professor ———

Mr. McLain

Mr. Clifford

ECONOMICS

Major: Eighteen units in the upper division.

Minor: Six or more units in the upper division.

Prerequisite to the major or minor: course 1-2 and either Political Science 1-2 or a year course in History.

Prerequisite to the upper division: course 1-2 and Junior standing.

Courses offered in the related departments of Political Science, History, and Social Psychology are recommended.

LOWER DIVISION COURSES

1-2. Principles of Economics.

An introductory course dealing with the production, consumption, distribution and exchange of wealth, value and price; interest, profits, wages and rent; money, banking, trusts, tariff, international trade.

Prerequisite, sophomore standing.

3 hours, throughout the year. (6 units)

3-4. Economic Geography; History of Commerce.

A study of the influence of geography on industry, on the world's markets and on commercial routes. A geographic location of raw materials, a brief description of manufacturing processes. Second semester devoted to a brief history of commerce and a study of modern methods of trade and exchange. This course is intended as an introduction to the courses in Foreign Trade. Open to Freshmen.

2 hours, throughout the year. (4 units)

15-16. Elements of Accounting.

An introductory course to accounting, giving the student actual experience in recording a wide variety of transactions.

3 hours, throughout the year. (6 units)

17-18. Principles of Accounting.

A consideration of the fundamental theory and practice of accounts.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101. Money, Banking and Foreign Exchange.

A study of the history and functions of money, the use of credit instruments and the banking systems of Europe and the United States. Special attention is given to the Federal Reserve System and to the methods and uses of foreign exchange.

3 hours, first semester.

102. Business Organization.

A survey of the principles underlying the different forms of business organization and management; correspondence, credit and collections; production and cost systems. Marketing and sales forces in extractive and manufacturing industries.

Prerequisite, course 101.

3 hours, second semester.

103. Corporation Finance.

A study of the organization and financial policy of business enterprises. Advantages and disadvantages of the corporate form; the legal position of the corporation; promotion, sources of capital. Case studies in the promotion, expansion, failure and reorganization of corporations are required of the members of the class. Not given 1924-25.

2 hours, first semester.

104. Transportation.

A course in the development of transportation facilities, financing railroad corporations and steamship companies. Rate making in theory and practice, the work of the Interstate Commerce Commission, problems of government control and private ownership, merger proposals. A survey of ocean transportation and of British, Continental and Canadian railway systems. Not given 1924-25.

3 hours, second semester.

105. Investments.

A study of the principles governing security values and speculative investments. An analysis is made of the various types of investment securities and of their adaptability to various classes of purchasers. Open to Seniors.

Prerequisite, course 101 or 103.

2 hours, second semester.

121. Economic History of Europe.

A general course dealing with the evolution of industrial society and the economic development of Europe from the beginning of the modern period to the present. The major part of the course is devoted to a study of the effects of the Industrial Revolution, particularly in England. The great inventions and their effects upon the factory system and upon labor regulations, the development of transportation and commerce, the economic origin of war and the economic problems of peace are treated.

3 hours, first semester.

122. Economic History of the United States.

This course traces the development of the United States in agriculture, industry, commerce, transportation, banking, from the colonial period to the present. A brief treatment of the industrial development under British control, but mainly a study of the westward movement and present trend of economic interests.

3 hours, second semester.

141. Economic International Relations.

A course intended to develop the economic basis of international relationships. A comparative study of nationalism, imperialism and internationalism from the economic relations of the greater powers. The principle of self-determination of races and the economic relations of the small nations.

Prerequisite, course 3-4.

3 hours, first semester.

142. Foreign Trade.

An introductory course dealing with the history and development of the foreign trade of the United States. Special attention is given to the present status and future possibilities of trade between the United States and the principal Latin-American republics, and to trade relations with Japan and China.

Prerequisite, course 3-4.

3 hours, second semester.

GRADUATE COURSES

205. History of Economic Thought.

Required of Seniors who major in the department.

2 hours, one semester.

211-212. Economic Seminar.

Intensive and independent research and presentation of results. Open to graduates and to Seniors with permission of the instructor.

1 or 2 hours, throughout the year. (2 or 4 units)

SOCIOLOGY

Minor: Six or more units in the upper division.

Prerequisite to all courses: a year course in History and upper division standing.

UPPER DIVISION COURSES

151-152. Principles of Sociology.

A course in fundamental principles, dealing with the processes of association and their evolution into fashion, custom and institutions. The biologic, geographic, and psychologic factors contributing to the evolution of society are considered in their relation to theories of

progress. Social behavior and motives controlling social functioning are analyzed.

2 hours, throughout the year. (4 units)

153-154. Social Problems.

A survey of the more important social problems; population, immigration, marriage and divorce, eugenics, poverty, delinquency and crime; the meaning and ethics of democracy. Alternates with 155-156. Not given 1924-25.

Prerequisite, course 151-152.

2 hours, throughout the year. (4 units)

155. Labor Problems.

The course includes a brief history of labor movements, an investigation into the causes of labor problems, a consideration of unemployment, woman and child labor, wages and the cost of living, collective bargaining, the open shop, labor motives and the cultural opportunities of labor life. Alternates with 153. Given 1924-25.

Prerequisite, course 151-152.

2 hours, first semester.

156. Race Problems.

A study of the problems arising from racial antipathies. Questions relating to immigration, assimilation of races, anti-alien legislation and to Oriental problems of the Pacific Coast are treated in an effort to approach a just and helpful solution. Alternates with 154. Given 1924-25.

Prerequisite, course 151-152.

2 hours, second semester.

158. Social Psychology.

Identical with Psychology 124.

3 hours, first semester.

EDUCATION

Professor Sinclair

Professor Cook

Associate Professor Hodgdon

Assistant Professor Crawley

Mr. Moore, Lecturer

Mr. Preston

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: consult department.

Prerequisite to upper division courses: Psychology 2.

Note—The major and minor named above are the academic major and minor, leading to the degree of Bachelor or Arts. For the meaning of these terms as used in the requirements for the High School Credential, see under "The School of Education."

UPPER DIVISION COURSES

101. Introduction to Education.

SINCLAIR

An elementary course, having as its aim the introduction of the student to the various fields of education. A text will be used supplemented by lectures, readings, and reports. Open to sophomores who are preparing to teach.

2 hours, either semester.

103. Principles of Education.

SINCLAIR

An introductory study of the aims and values of education with special consideration of the curriculum as a means of realizing these aims.

3 hours, first semester.

104. Growth and Development of the Child.

HODGDON

Identical with Hygiene 104.

3 hours, second semester.

105. History of Education, Earlier Period.

COOK

A survey of the growth of education and its influence upon human progress. The course covers the period from the earliest times to the Renaissance.

3 hours, first semester.

106. History of Education, Later Period.

COOK

The history from the Renaissance to the present time is covered, particular attention being devoted to great thought movements and their bearing upon civilization and the advancement of learning.

3 hours, second semester.

110. School Hygiene.

HODGDON

Identical with Hygiene 110.

3 hours, second semester.

111. Educational Psychology.

CRAWLEY

Identical with Psychology 125.

3 hours, first semester.

112. Principles of Elementary Education.

SINCLAIR

An elementary course for students preparing for the Elementary School Credential.

2 hours, second semester.

114. Public Education in California.

MOORE

This course is planned to meet the requirements of the State Board. It will include a study of the California system of education in its legal aspects, administrative, organization, etc.

2 hours, second semester.

119. Principles of Secondary Education.

SINCLAIR

This course will present the aims and goals of secondary education and its relation to the elementary and higher institutions. Special emphasis will be placed on present tendencies in this field.

3 hours, first semester.

122. Classroom Management

SINCLAIR

A brief study of class management and routine; discipline, attendance, grading and marking, etc.

1 hour, second semester.

123. Public School Administration.

MOORE

This course considers the organization and administrative control of state, county, and city school systems.

2 hours, first semester.

127. Technique of Teaching.

SINCLAIR

In this course the conventional general methods of teaching in the elementary and high school are considered, with special attention directed to the project method, socialized recitation and supervised study. Directed observation of actual teaching in the city schools supplements the theoretical consideration.

2 hours, first semester.

130. Education and Citizenship.

SINCLAIR

A study of the ideals and objectives of good citizenship. In addition, the subjects taught in the public schools are considered from the point of view of their possibilities in relation to the realization of these ideals.

2 hours, either semester.

133. The Junior High School.

SINCLAIR

A detailed study of the junior high school from the points of view of its origin and development, organization, special functions, program of studies, the methods of teaching, etc.

2 hours, second semester.

136. Practice Teaching.

SINCLAIR, PRESTON

Actual experience in teaching under supervision in the public schools of the city for at least five hours per week during one semester. Open to seniors who are candidates for Elementary or Junior High School Credentials. Conferences two hours per week.

4 hours, either semester.

138. Mental Measurements.

CRAWLEY

Identical with Psychology 126.

2 hours, second semester.

GRADUATE COURSES

201. Teachers' Courses.

Teachers' Courses in special methods in connection with the preparation in teaching majors and minors in various departments are offered as indicated below:

- A. Teachers' Course in Botany.
- B. Teachers' Course in Chemistry.
- C. Teachers' Course in English.
- D. Teachers' Course in French.
- E. Teachers' Course in Greek.
- F. Teachers' Course in History.

- G. Teachers' Course in Latin.
- H. Teachers' Course in Mathematics.
- I. Teachers' Course in Physics.
- J. Teachers' Course in Spanish.
- K. Teachers' Course in Zoology.

For further information concerning these courses, see statements of departments concerned, under Course 201. None of them may be credited toward the degree of Master of Arts.

206. Practice Teaching.

SINCLAIR, PRESTON

Candidates for the High School Credential who are without teaching experience are required to complete one semester of actual teaching five hours per week in a city high school. This teaching, carried on under supervision, is supplemented by frequent conferences for discussion of problems.

4 hours, either semester.

211-212. Educational Seminar.

SINCLAIR

Not offered in 1924-25.

ENGLISH

Professor Stelter

Associate Professor Odell

Associate Professor Thompson

Assistant Professor Chislett

Assistant Professor MacIntyre

Major. For graduation, eighteen units in the upper division; twenty-four units in the upper division are advised for students seeking the recommendation of the department for honors, graduate work, or teaching. A major should ordinarily include at least two units in advanced composition, three from courses 121 to 124, twelve from 124-146, and such other courses as 255-256.

All students majoring in the department, especially those who expect to pursue graduate work in English, should equip themselves with a reading knowledge of one or more of the foreign languages chosen from Greek, Latin, French, or German. A course in English History is advised for those not offering it for entrance.

Minor. For graduation, six units in the upper division; ten units are advised for students who seek the recommendation of the department.

Prerequisite to the major or minor: courses 1-2 and 51-52 or equivalents.

Prerequisite to upper division courses: course 1-2; six units from lower division courses numbered above 50 or upper division standing.

Graduate Major:

1. For the Master's degree: thirty-six units of upper division and graduate work in English, including two graduate seminars, or graduate year courses, or equivalents. For the High School Teacher's Credential: the equivalent of the recommended under-

graduate major, and eight graduate units, or four in the case of teachers of not less than seventeen months experience.

2. Reading knowledge of at least one foreign language.

3. For the Master's degree, the presentation of an acceptable thesis.

4. The English Final Examinations. These examinations, oral or written, are a comprehensive test of the student's habits of study, thought, and expression, as well as of his knowledge of the subject matter involved. The examinations cover the following points, all of which must be satisfied, at least three by formal examination, by all candidates for the high school credential and graduate degree:

i. The general history of English Literature, its chief masterpieces, and methods of study. Formal examination required.

ii. One or more of the main periods, types, or authors. May be met by satisfactory work in upper division courses aggregating not less than six units.

iii. The development of the English language, and principles of linguistic study. May be met by from four to six units from courses the equivalent of 121 to 124.

iv. Standard principles of literary criticism applied to types and forms. May be met by course 255-256.

v. Organization and presentation of thought, oral and written. May be met by courses in advanced composition and Speech Education.

LOWER DIVISION COURSES

1-2. English Composition.

THE STAFF

Introductory course. Required for graduation and prerequisite to all upper division courses. Must be completed or in progress before any other lower division course may be taken in this department.

3 hours, throughout the year. (6 units)

51-52. History of English Literature.

THE STAFF

A thorough survey; required, or its equivalent, of students who intend to major or minor in English. Either semester may be taken separately.

Prerequisite, course 1-2 completed or in progress.

3 hours, throughout the year. (6 units)

53-54. Types of Literature.

THE STAFF

A series of courses in the historical and critical study of the development, and of representative forms, of various types of literature: (A) the English essay, (B) the drama, (C) the novel, (D) narrative and lyrical poetry, (E) the epic, (F) the short story, (G) biography and letters. One or more of the types is offered each year.

Prerequisite, course 1-2 completed or in progress.

2 hours each, throughout the year. (4 units each)

55-56. Introduction to Poetry.

MACINTYRE

The nature and essentials, and the forms of poetry; methods of study.

Prerequisite, course 1-2 completed or in progress.

2 hours, throughout the year. (4 units)

61-62. Journalism.

News writing. Either semester may be taken separately.

Prerequisite, course 1-2.

2 hours, throughout the year. (4 units)

UPPER DIVISION COURSES

Certain courses of the upper division are given in alternate years. Upon completion of additional requirements courses 121 and following may be credited as graduate work.

101. Advanced Composition.

THE STAFF

The theory and practice of:

A—Narrative and descriptive writing.

B—The informal essay.

C—Expository writing.

D—Literary criticism.

E—Argumentation. Identical with Speech Education 110.

One or more of the types is offered each year.

2 hours, one semester.

103. Editorial and Critical Writing.

ODELL

Theory and practice.

2 hours, first semester.

104. Short Story Writing.

ODELL

Discussion of theories involved, analysis of types, and practice in writing.

2 hours, second semester.

110. Versification.

MACINTYRE

A study of the principles and forms of English verse; practice in verse writing.

1 hour, second semester.

118. Oral Interpretation.

LINDSLEY

Identical with Speech Education 118. Recommended for all candidates for a high school credential in English.

2 hours, first semester.

121-122. Old English.

STELTER

Elements of Old English grammar, with readings; survey of the literature of the period.

3 hours, throughout the year. (6 units)

123. The History of the Language.

THOMPSON

The origin, growth, and history of the language.

3 hours, first semester.

124. The Period of Chaucer.

STELTER

The life and times of Chaucer; readings principally in *The Canterbury Tales* and in *Troilus and Criseyde*; survey of Middle English grammar and literature.

3 hours, second semester.

127. The Development of the Drama.

THOMPSON

The beginnings, development, and history of English drama to 1642.

3 hours, second semester.

129. Elizabethan Non-Dramatic Literature.

THOMPSON

The renaissance; principal authors and types, 1557-1625; Spenser.

3 hours, first semester.

130. Shakespeare.

THOMPSON

Reading of a number of plays; Shakespeare's dramatic art; the theatrical and social conditions of the times.

3 hours, second semester.

132. Shakespeare.

THOMPSON

Intensive study of three plays.

3 hours, second semester.

135. Period of Milton.

STELTER

The life and times of Milton (1625-1660); his poetry and most important prose; the "metaphysical," the church, and the cavalier poets; prose writers.

3 hours, first semester.

136. Classical Period.

CHISLETT

The background, the literary movements, and the major poets and prose writers of the period (1660-1780).

3 hours, second semester.

137. The Romantic Period.

MACINTYRE

The rise of romanticism; Wordsworth, Coleridge, Byron, Shelley, Keats; other writers of verse and prose of the period (1780-1832).

3 hours, first semester.

139. The History of the Novel.

The development of the English novel to the nineteenth century.

3 hours, first semester.

140. Nineteenth Century Novelists.

CHISLETT

The greater English novelists of the nineteenth century.

3 hours, second semester.

142. Nineteenth Century Prose.

MACINTYRE

A study of the major prose writers, exclusive of the novelists.

3 hours, second semester.

144. Victorian Poetry.

STELTER

The major poets of the period (1832-1892).

3 hours, second semester.

145-146. American Literature.

THOMPSON

A general survey of American literature, with a detailed study of important writers. Either semester may be taken separately.

2 hours, throughout the year. (4 units)

147. Browning.

CUNNINGHAM

A systematic and intensive study of the philosophy and art of Robert Browning.

3 hours, first semester.

151. Modern Drama.

STELTER

A study of the chief contemporary English, American, and Continental dramatists from Ibsen to the present time.

3 hours, first semester.

152. Contemporary Poetry.

CHISLETT

A survey of English and American poetry since 1890, with special attention to modern tendencies.

3 hours, first semester.

160. Honors Course.

The opportunity to read for honors in English, to produce a piece of original work or of constructive criticism, is offered to a limited number of seniors, or in certain cases juniors, majoring in English.

2 hours, either semester.

167-168. Comparative Literature.

CHISLETT

A study of world classical literature and its influence upon English.

2 hours, throughout the year. (4 units)

GRADUATE COURSES

201. The Teaching of English.

STELTER

A study of the problems and methods of the teaching of English in the secondary schools. Open to seniors and graduate students. Required of candidates for high school credentials offering English as a major. No credit toward the degree of Master of Arts.

See Education 201.

2 hours, first semester.

211-212. Seminar.

Subject to be chosen.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

255-256. Theories of Poetry.

STELTER

A study of the chief theories of poetry, of literary criticism, and of the types of poetry, with illustrations drawn mainly from the English poets.

2 hours, throughout the year. (4 units)

FRENCH

Professor Bell

Assistant Professor Wiley

Miss Christie, Instructor

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalents. The attention of students majoring in French is called to History 103-104, History of Art 1, English 136, 137, 151, and Political Science 111-112. Under certain conditions courses 105 to 112 may be elected for graduate credit.

In all upper division courses, credit will be given for the work of either semester.

LOWER DIVISION COURSES

1-2. **Elementary French.**

BELL IN CHARGE

Drill in pronunciation and in fundamental rules of grammar. Readings and conversations in French. Students presenting one year of high school French may enter this course at the beginning of the second semester.

5 hours, throughout the year only. (10 units)

3-4. **Novel and Drama.**

BELL IN CHARGE

Novels and plays by modern French authors. Written and oral composition.

Prerequisite, course 1-2 or two years of high school French.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. **Survey of French Literature and Culture.**

CHRISTIE

A general view of French literature from the beginnings to the present time in its historical and cultural background, with study of important masterpieces since the sixteenth century.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

103-104. **Advanced Composition and Conversation.**

BELL

Prerequisite, course 3-4 and 101-102 completed or in progress.

2 hours, throughout the year. (4 units)

105-106. **Nineteenth Century Literature.**

CHRISTIE

Analysis of selected plays, novels, and stories to illustrate the literary movements from the Restoration to the end of the century.

Prerequisite, 101-102.

3 hours, throughout the year. (6 units)

107-108. **Contemporary Literature.**

CHRISTIE

The drama, novel, poetry, and currents of thought from 1885 to the present.

Prerequisite, 101-102.

2 hours, throughout the year. (4 units)

109-110. The Eighteenth Century.

WILEY

A general survey of the decline of Classicism, the philosophers and scientists, and the beginnings of Romanticism.

Prerequisite, 101-102.

2 hours, throughout the year. (4 units)

111-112. Seventeenth Century Literature.

WILEY

The intellectual and social life of the Golden Age, with special attention to Corneille, Moliere, and Racine.

3 hours, throughout the year. (6 units)

GRADUATE COURSES

201. Teachers' Course.

BELL

See Education 201.

2 hours, second semester.

211-212. Seminar.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

GERMAN

Professor _____

Mrs. Fisk

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalents.

Other courses will be offered according to demand.

LOWER DIVISION COURSES

1-2. Elementary German.

Students presenting one year of high school German may enter this course at the beginning of the second semester.

5 hours, throughout the year only. (10 units)

3-4. Novel and Drama.

Readings from classic literature; written and oral composition.

Prerequisite, course 1-2 or two years of high school German.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. German Classical Literature.

Intensive study of chosen representatives of the classic literature.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

103-104. Advanced Composition and Conversation.

Prerequisite, courses 3-4 and 101-102 or 105-106.

2 hours, throughout the year. (4 units)

105-106. History of German Literature.

The development of German literature from its beginnings to the present time, with study of important masterpieces, illustrative of the various periods.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

GREEK

Professor Ward

Major. Eighteen units in the upper division, taken from courses 105 to 110.

Minor. Six or more units in the upper division, including one course in Plato or the historians, and one in the drama.

Prerequisite to the major: courses 1, 2, and 6.

Prerequisites to the minor: courses 1 and 2.

LOWER DIVISION COURSES

1. Elementary.

Course for beginners.

5 hours, first semester.

2. Xenophon and Homer.

Xenophon's Anabasis; review of the grammar. Homer's Iliad; forms, metres, the early epic.

Prerequisite, course 1.

5 hours, second semester.

6. Prose Composition.

Prerequisite, course 2.

2 hours, one semester.

11. Selected Letters of Paul.

The course is varied from year to year and may therefore be taken twice in succession without covering the same ground.

Prerequisite, course 2.

3 hours, first semester.

12. Hebrews and the Catholic Epistles or Other Non-Narrative Portions of the New Testament.

The course is varied from year to year and may therefore be taken twice in succession without covering the same ground.

Prerequisite, course 2.

3 hours, second semester.

UPPER DIVISION COURSES

105. Plato.

Apology and Crito, with part of the Phaedo. Offered in alternate years with course 107.

Prerequisite, course 2.

3 hours, first semester.

106. Euripides, Aristophanes.

Alcestis or Medea; Clouds. All three may be read. Offered in alternate years with course 108.

Prerequisite, course 2.

3 hours, second semester.

107. Herodotus.

Books VII and VIII. Offered in alternate years with course 105.

Prerequisite, course 2.

3 hours, first semester.

108. Aeschylus, Sophocles.

Prometheus Bound, Oedipus Tyrannus, Antigone. Offered in alternate years with course 106.

Prerequisite, course 2.

3 hours, second semester.

109. Thucydides.

The Sicilian Expedition. Open to advanced undergraduates and to graduate students.

Prerequisite, 105 or 107, with 106 or 108.

3 hours, first semester.

110. Plato.

Selected dialogues. Open to advanced undergraduates and to graduate students.

Prerequisite, 105 or 107, with 106 or 108.

3 hours, second semester.

111-112. Greek Classics in English.

Standard English translations are used as a text. Lectures. Lantern slides, illustrative of the subject matter. No knowledge of the Greek language is required. Either semester may be taken without the other.

2 hours, throughout the year. (4 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

HISTORY

Professor Cleland

Professor Myers

Professor Ward (Greek Dept.)

Assistant Professor Hardy

Major. A minimum of eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: course 1-2 or courses 5 and 6; Economics 1-2 or Political Science 1-2.

Certain of the upper division courses may be elected for graduate credit.

LOWER DIVISION COURSES

1-2. European History.

MYERS

A background course dealing with the development of European civilization, with especial emphasis upon the life, institutions, and permanent product of the middle ages and of the renaissance.

3 hours, throughout the year only. (6 units)

5. History of the Americas.

HARDY

A general survey of the planting of colonial societies in the New World.

3 hours, first semester.

6. History of the Americas.

HARDY

A general survey of the rise of the American nation from the beginning of independence to the present.

3 hours, second semester.

UPPER DIVISION COURSES

Course 1-2 or courses 5 and 6, together with Economics 1-2 or Political Science 1-2, are prerequisite to all upper division courses in this department.

101. History of the United States.

HARDY

A study of the political history of the United States from the Revolutionary War to the Compromise of 1850.

3 hours, first semester.

102. History of the United States.

HARDY

A study of the political history of the United States from 1850 to 1912.

Prerequisite, course 101.

3 hours, second semester.

103. Modern European History.

MYERS

A study of Modern Europe from the reign of Louis XIV through the French Revolution. With additional work may be taken as a graduate course.

3 hours, first semester.

104. Modern European History.

MYERS

A study of Europe since the French Revolution. With additional work may be taken as a graduate course.

3 hours, second semester.

105. History of Greece.

WARD

A general survey of the history of Greece, closing with the career of Alexander the Great.

3 hours, first semester.

106. History of Rome.

WARD

A general survey of the history of Rome to the fall of the western empire.

3 hours, second semester.

107. South American History.

CLELAND

A survey of the political, social and economic development of the South American Republics during the nineteenth and twentieth centuries.

3 hours, first semester.

109-110. History of Mexico.

CLELAND

A study of the political, social and economic development of Mexico.

3 hours, throughout the year. (6 units)

112. The United States and Hispanic America.

CLELAND

A survey of international relations.

3 hours, second semester.

113. History of California.

HARDY

The period of Spanish-Mexican rule, American annexation, progress as a state.

3 hours, second semester.

115-116. History of England.

HARDY

A study of English institutions and of the development of the British Empire.

2 hours, throughout the year. (4 units)

139. American Diplomacy.

Identical with Political Science 103.

3 hours, first semester.

GRADUATE COURSES

201. Teachers' Course.

See Education 201.

2 hours, second semester.

220. Thesis for Master of Arts Degree.

Not to exceed four units.

HYGIENE AND PUBLIC HEALTH

Associate Professor Hodgdon

Mrs. Bird, Instructor

LOWER DIVISION COURSES

2. Personal Hygiene and First Aid.

HODGDON

Primarily for Freshmen.

2 hours, second semester.

3. Public Health and Sanitation.

SELLE

Not counted towards lower division requirement in science.

Given in alternate years. Given in 1924-25.

2 hours, first semester.

4. Domestic Hygiene and Practical Nursing.

BIRD

Instruction and demonstration in home care of the sick, infant care, preservation of health, bandaging, first aid, and Swedish massage.

Open to women.

2 hours, first semester.

5. Dietetics and Cookery.

BIRD

A study of foods and food values, of the chemistry and physiology of digestion and of the varying requirements of the individual. Preparation and service of practical dietaries.

Prerequisite, one year in chemistry.

2 hours of lecture and 2 laboratory periods of two hours each.
Second semester. (4 units)

8. Human Physiology.

Identical with Zoology 8.

3 hours, second semester.

8L. Human Physiology Laboratory.

Identical with Zoology 8L.

2 Laboratory periods, second semester. (2 units)

UPPER DIVISION COURSES

104. Growth and Development of the Child.

3 hours, first semester. (3 units)

110. School Hygiene and Methods of Hygiene Teaching.

Open to undergraduates of advanced standing and to graduate students.

Prerequisite 104.

3 hours, second semester.

112. Human Anatomy.

HODGDON

Identical with Zoology 107.

Prerequisite 8, 8L.

2 hours, first semester.

LATIN

Professor Lowther

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to major and minor: courses 5, 6, and 9 or 10.

LOWER DIVISION COURSES

1-2. Elementary Course.

Grammar, selections from Caesar's Gallic War and from Cicero's Orations, elementary prose composition. The equivalent of the first two years of high school Latin.

5 hours, throughout the year. (10 units)

3-4. Intermediate Course.

Selected orations of Cicero, Vergil's Aeneid, books I-VI, prose composition. The equivalent of the third and fourth years of high school Latin.

Prerequisite, course 1-2, or two years of high school Latin.

3 hours, throughout the year. (6 units)

5. Cicero or Livy.

Cicero: *De Senectute* or *De Amicitia*, or selections from Livy, books XXI-XXII.

Prerequisite, four years of high school Latin, or courses 1-2, 3-4.
3 hours, first semester.

6. Horace.

Odes and Epodes, to which certain of the Satires may be added.
Lyric meters.

Prerequisite, four years of high school Latin, or courses 1-2, 3-4.
3 hours, second semester.

9. Prose Composition I.

Gildersleeve and Lodge will be used as a manual. To alternate with course 10.

Prerequisite, course 5.
2 hours, second semester.

10. Prose Composition II.

Emphasis is laid on the principles of connected discourse. Review of forms and syntax. To alternate with course 9. Either course 9 or course 10, or equivalent, must be taken as a prerequisite of course 201.

Prerequisite, course 5.

Preceded by course 9, may be counted as upper division credit.
2 hours, second semester.

UPPER DIVISION COURSES

Courses 5 and 6 are prerequisite to all upper division courses in this department. Such of these are offered each year as the preparation and needs of the students determine.

102. Latin Comedy.

Plautus: *Captive*, *Trinummus*. Terence: *Phormio*. Meters, early forms and constructions, Greek and Roman life.

3 hours, first semester.

103. Lyric and Elegiac Poetry.

Selected poems of Catullus, Propertius, Tibullus, and Ovid. Catullus will be made the subject of special study.

3 hours, second semester.

104. Tacitus and Pliny.

Tacitus: *Agricola* and *Germania*. Pliny: selected Letters. A general survey of the Silver Age in Latin literature.

3 hours, first semester.

105. Juvenal and Martial.

Selected Satires of Juvenal and Epigrams of Martial. Lectures and collateral reading on the life and society of the period.

3 hours, second semester.

106. Vergil.

Selections from the Eclogues and Georgics, and from the Aeneid, books VII-XII, with special attention to the author's poetic art and genius.

3 hours, first semester.

201. Teachers' Course.

See Education 201.

2 hours, second semester.

MATHEMATICS

Professor Allen

Assistant Professor Morse

Assistant Professor Chawner

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1, 2, 3 and 4.

LOWER DIVISION COURSES

1. Plane and Spherical Trigonometry.

CHAWNER

Prerequisite, elementary algebra and plane geometry.

3 hours, first semester.

2. Solid Geometry.

CHAWNER

Prerequisite, elementary algebra and plane geometry.

3 hours, second semester.

3. College Algebra.

ALLEN

Includes the development and application of the binomial theorem and of the exponential and logarithmic series, permutations and combinations, and the theory of equations.

Prerequisite, elementary algebra and plane geometry.

3 hours, first semester.

4. Plane Analytics.

ALLEN

A study of analytic methods, the analytic geometry of the straight line, the circle, and the conic sections, and investigation of the general equation of the second degree.

Prerequisite, trigonometry.

3 hours, second semester.

6A. Surveying.

MORSE

A study of the elementary operations employed in making surveys for engineering work, including the use, care, and adjustments of instruments, linear and angular measurements, note keeping, and field methods.

3 hours, either semester.

6B. Advanced Surveying.

MORSE

Plane table surveys, topographic surveys, base line measurements, triangulation, curves, cross-section surveys and earthwork estimates, mapping, and the solution of problems.

3 hours, second semester.

7. Theory of Equations.

ALLEN

The theory of determinants; the theory, analysis, and solution of higher numerical and algebraic equations.

Prerequisite, courses 1 and 3.

2 hours, first semester.

11. General Astronomy.

ALLEN

A course in descriptive astronomy. Study of nebulae, planets, and constellations, with the telescope.

Prerequisite, trigonometry.

3 hours, first semester.

15-16. Descriptive Geometry.

MORSE

Identical with Technical Drawing 15-16.

Prerequisite, course 2, Technical Drawing 1-2 and 3-4.

2 laboratory periods, throughout the year. (4 units)

17-18. Graphic Statics.

MORSE

Graphical solution of problems in mechanics and strength of materials; vectors and vector quantities; force and space diagrams; funicular polygons; beams, trusses; problems in simple machines. Identical with Technical Drawing 17-18.

Prerequisite, course 1 and Technical Drawing 1-2.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

These will be counted as upper division courses only when preceded by 1, 2, 3 and 4, but may be taken as lower division courses with the prerequisites named below.

121. Differential Calculus.

ALLEN

The principles and formulae of differential calculus and the application to such problems as maxima and minima, indeterminate forms, expansion of series, etc.

Prerequisite, courses 3 and 4.

3 hours, first semester.

122. Integral Calculus.

ALLEN

The principles and formulae of integral calculus, with application to problems in integration, such as lengths of curves, areas, volumes, etc.

Prerequisite, course 121.

3 hours, second semester.

123-124. Theoretical Mechanics.

MORSE

Identical with Physics 123-124.

Prerequisite, courses 121 and 122.

3 hours, throughout the year only. (6 units)

125. Advanced Calculus.

ALLEN

A more advanced study of the principles of Differential and Integral Calculus and their applications to many problems, such as curve analysis, envelopes, points of contact, volume of solids, moment of inertia, center of gravity, pressure of liquids, etc. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite, courses 121 and 122.

3 hours, first semester.

126. Differential Equations.

ALLEN

A study of the nature, meaning, and the solutions of ordinary and partial differential equations and the application of differential equations in the solution of problems in Mechanics and Physics. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite, courses 121 and 122.

3 hours, second semester.

128. Higher Analytics.

ALLEN

A more advanced course than course 4, including a study of higher plane curves and the elements of solid analytic geometry.

Prerequisite, course 4.

3 hours, second semester.

130. Practical Astronomy.

ALLEN

Lectures and instrumental work. The determination of time, latitude and longitude, and the computation of current eclipses and occultation of stars.

Prerequisite, courses 2, 4, 11.

3 hours, second semester.

201. Teachers' Course

ALLEN

See Education 201.

2 hours, one semester.

PHILOSOPHY AND PSYCHOLOGY

PHILOSOPHY

Professor Burt
Professor Wieman

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 3, and 11-12, and Psychology 2. Those intending to major in Philosophy will take 11-12 in the freshman year.

LOWER DIVISION COURSES

3. Logic.

BURT

The principles of inductive and deductive logic are studied and ap-

plied in practical work. Special attention is paid to the several types of fallacy.

Prerequisite, sophomore standing.

3 hours, first semester.

11-12. Introduction to Philosophy.

WIEMAN

A study of the objectives of human living. Freshmen intending to major in Philosophy should elect this course.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Courses 3, and 11-12 and Psychology 2 are prerequisite to all upper division courses in this department.

101. History of Ancient Philosophy.

WIEMAN

3 hours, first semester.

102. History of Modern Philosophy.

WIEMAN

3 hours, second semester.

103. Ethics.

WIEMAN

Ethical principles set forth through an examination of human nature and society.

3 hours, first semester.

105. Philosophy of Religion.

WIEMAN

The meaning of God in human experience. Open to advanced undergraduates and to graduate students.

3 hours, first semester.

106. Comparative Religion.

BURT

A brief study of the great religions of the world with reference to their influence upon life and civilization.

Prerequisite, junior standing; Psychology 2.

2 hours, second semester.

110. Social Ethics.

WIEMAN

An inductive method of ethical study by seeking to discover the right and wrong in current social problems.

To alternate with course 112. Not given in 1924-25.

2 hours, second semester.

112. Philosophy of Law.

WIEMAN

A study of the social and ethical functions of law.

3 hours, second semester.

119. Metaphysics.

WIEMAN

The nature and interrelations of matter, life, mind, and God. Open to advanced undergraduates and to graduate students.

3 hours, second semester.

PSYCHOLOGY

Assistant Professor Crawley

Minor. Six or more units in the upper division.

Prerequisite to the minor: courses 2 and 22, and Philosophy 11-12.

LOWER DIVISION COURSES

2. Introductory Psychology.

CRAWLEY

A course intended to acquaint the beginning student of psychology with the field in general. Open to Freshmen only upon approval of the department.

3 hours, either semester.

22. Advanced Psychology.

CRAWLEY

The main issues of contemporary psychology, as shown especially by current writings, will be studied in their relationship to the historical development of the science.

3 hours, second semester.

UPPER DIVISION COURSES

121-122. Experimental Psychology.

CRAWLEY

An elementary laboratory course introducing the student to the various methods of psychological investigation and technique.

2 hours, throughout the year. (4 units)

123. Applied Psychology.

CRAWLEY

A general course intended to show the application of the psychological attitude in business, religion, law, art, and education.

3 hours, first semester.

124. Social Psychology.

CRAWLEY

A course dealing especially with the reactions of the individual to a socialized environment.

3 hours, second semester.

125. Educational Psychology.

CRAWLEY

Introducing the student to the major problems of educational psychology. Current periodicals will be used extensively, as well as selected experiments in the field of the psychology of learning.

2 hours, first semester.

126. Mental Measurements.

CRAWLEY

An introduction to the field of mental measurements. The nature and use of standard tests will be studied.

2 hours, second semester.

127. Psychological Research.

CRAWLEY

Specific problems or investigations are taken up by the student under supervision of the department.

Prerequisite, course 121-122.

1 or 2 units, either semester.

PHYSICAL EDUCATION FOR MEN

Professor Pipal

Doctor Sawyer

Director Nichols

Mr. Daugherty

Major. A minimum of eighteen units in the upper division, including courses 103, 105, 106, 113, 115, 116, and 127.

Minor. Six or more units in the upper division.

Prerequisite to major or minor: courses 1a, 2a, 3a, 4a, 1b, 2b, 3b, 4b, 5, 6, 12, 13, 12L, 13L.

The work in this department is designed to encourage proper habits of health, to improve body control and strength, to stimulate the development of mental and physical alertness and poise, to establish habits of regular exercise, and to give an experience in various kinds of recreative sports that will be useful in after life.

A physical examination and an efficiency test are given each student at the beginning of the year, on the basis of which he is advised and directed as to the type of physical activity he should take and the special corrective exercises fitting to his case.

A medical examination by the College Physician is also required, in the first semester of each year, of all men enrolled in the College. In this examination special attention is given to the eyes, ears, heart, and lungs. The results of these examinations are recorded and with suggestions are turned over to the Physical Education Department for reference in assigning corrective exercises for the individual.

Four lectures each semester on subjects dealing directly with the preservation of health will be given by the College Physician. Attendance upon these lectures is required for credit in the Physical Education Department.

Students have free medical consultation at hours appointed by the Physician.

A special teacher's course is offered in this department to those desiring to enter the field of Physical Education as athletic directors or coaches.

LOWER DIVISION COURSES

1a-2a. General Gymnastics or 1b-2b. Intra-Mural or Varsity Sports. PIPAL

Required of freshmen.

2 hours, throughout the year. (1 unit)

3a-4a. General Gymnastics or 3b-4b. Intra-Mural or Varsity Sports. PIPAL

Required of sophomores.

2 hours, throughout the year. (1 unit)

5-6. Active Participation in Athletics. NICHOLS

Open to advanced undergraduates and graduate students.

2 years. (2 units)

8. Personal Hygiene and First Aid.

PIPAL

2 hours, second semester. (2 units)

12-13. Principles of Zoology.

Identical with Zoology 1-2.

3 hours, throughout the year. (6 units)

12L-13L. General Zoology Laboratory.

Identical with Zoology 1L-2L.

2 laboratory periods weekly, throughout the year. (4 units)

14. Human Physiology.

Identical with Zoology 8.

3 hours, first semester. (3 units)

14L. Human Physiology Laboratory.

Identical with Zoology 8L.

2 laboratory periods, first semester. (2 units)

17. Public Health and Sanitation.

Identical with Hygiene 3.

2 hours, first semester. (2 units)

20. Psychology.

Identical with Psychology 2.

3 hours, either semester.

UPPER DIVISION COURSES

Taken in conjunction with the required physical education courses for freshmen and sophomores and the lower division work as outlined above, the following courses constitute a teacher's course in directing and coaching athletics. Students who complete this course are eligible to apply for special state credentials for teaching this subject in the high schools. Those who desire to elect the course should consult the department.

101. History and Development of Physical Education.

PIPAL

Open to both men and women. Given in alternate years. Not given 1924-25.

2 hours, first semester.

103. Theory of Teaching and Leadership.

DAUGHERTY

Given in alternate years. Not offered 1924-25.

2 hours, first semester.

105. Applied Methods in Formal Activities.

HODGDON

3 hours, second semester.

106. Administration of Physical Education Program in Secondary Schools.

DAUGHERTY

Given in alternate years. Not offered 1924-25.

2 hours, second semester.

- 108. Physiology of Exercise.** PIPAL
Prerequisite, 14 and 14L.
2 hours, second semester.
- 109. Kinesiology and Applied Anatomy.** HODGDON
Prerequisite, 112.
2 hours, first semester.
- 112. Human Anatomy.**
Identical with Zoology 107.
2 hours, first semester.
- 113. Growth and Development of the Child.** HODGDON
Identical with Hygiene 104.
3 hours, first semester.
- 114. Public Education in California.**
Identical with Education 114.
2 hours, second semester.
- 115-116. Methods in Play Activities.** PIPAL
Technique of Coaching and System of Organization of Athletics.
Open to men majoring in this department.
2 hours, throughout the year. (4 units)
- 119. Principles of Secondary Education.**
Identical with Education 119.
3 hours, first semester.
- 127. Practice Teaching.** PIPAL
4 hours, either semester.
- 130. Education and Citizenship.**
Identical with Education 130.
2 hours, second semester.

PHYSICAL EDUCATION FOR WOMEN

Associate Professor Hodgdon

Miss Thrall

Major. A minimum of eighteen units in the upper division, including courses 103, 104, 105, 106, 109, 113, and 128.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1a, 2a, 3a, 4a, 5, 9, 10, 11-12, 11L-12L, 14, 14L, 16, and 17.

It is the aim of this department to correct physical defects, to encourage equal development of mind and body by promoting vigorous health, to develop leaders in club and church recreation and in playground, and to train physical directors for educational institutions. A physical examination is given each student at the beginning of each year.

All applicants for the State Special Credential in Physical Educa-

tion should consult the department. Courses required for the Credential in addition to those for a major include 20, 114, 119, and 130, and, if possible 108, 110, and 112.

A fee of two dollars is required for enrollment in any of the courses numbered 1 to 8.

LOWER DIVISION COURSES

1a-2a. Gymnastics.

HODGDON

Required of Freshmen. Section 1, regular; Section 2, corrective.

2 hours, throughout the year. (1 unit)

3a-4a. Gymnastics.

HODGDON

Required of Sophomores. Section 1, regular; Section 2, corrective.

2 hours, throughout the year. (1 unit)

5. Sports.

THRALL

5a, Basketball, Hockey, Baseball; 5b, Tennis; 5c, Swimming.

2 hours, throughout the year. (1 unit)

7-8. Rhythmic Gymnastics.

HODGDON

2 hours, throughout the year. (2 units)

9. Play Activities.

Methods of organizing and conducting social and recreational activities in churches, clubs, and school playgrounds.

2 hours, first semester. (2 units)

10. Rhythmical Activities.

HODGDON

Methods of teaching singing games, story plays, and folk dances.

3 hours, second semester. (3 units)

11-12. Principles of Zoology.

Identical with Zoology 1-2.

3 hours, throughout the year. (6 units)

11L-12L. General Zoology Laboratory.

Identical with Zoology 1L-2L.

2 laboratory periods, throughout the year. (4 units)

14. Human Physiology.

Identical with Zoology 8.

3 hours, second semester.

14L. Human Physiology Laboratory.

Identical with Zoology 8L.

2 laboratory periods, second semester. (2 units)

16. Personal Hygiene and First Aid.

Identical with Hygiene 2.

2 hours, second semester.

17. Public Health and Sanitation.

SELLE

Identical with Hygiene 3.

2 hours, first semester.

20. Psychology.

Identical with Psychology 2.

2 hours, either semester.

UPPER DIVISION COURSES

101. History and Development of Physical Education.

PIPAL

Given in alternate years. Not given in 1924-25.

2 hours, first semester.

102. Principles of Adaptation of Activities.

HODGDON

The methods underlying the selection and adaptation of physical activity for varying ages and groups.

2 hours, first semester.

103. Theory of Teaching and Leadership.

HODGDON

2 hours, second semester.

104. Applied Methods in Play Activities.

Methods of coaching and organizing athletics.

3 hours, first semester.

105. Applied Methods in Formal Activities.

HODGDON

Methods of conducting postural instruction, marching and gymnastic drills, and special corrective exercises.

3 hours, second semester.

106. Administration of Physical Education Department.

Organization and staff planning, constructive gymnasium, arrangement and care of equipment, and making of schedules.

2 hours, second semester.

108. Physiology of Exercise.

PIPAL

The effect of exercise on the various organic activities of the human body.

Prerequisite, courses 14 and 14L.

2 hours, second semester.

109. Kinesiology and Applied Anatomy.

HODGDON

A study of the joint and muscle mechanisms involved in ordinary physical activity.

Prerequisite, course 112.

2 hours, first semester.

110. School Hygiene and Methods of Hygiene Teaching.

Identical with Hygiene 110.

3 hours, second semester.

112. Human Anatomy.

Identical with Zoology 108.

2 hours, first semester.

113. Growth and Development of the Child.

Identical with Hygiene 104.

3 hours, first semester.

114. Public Education in California.

Identical with Education 114.

2 hours, second semester.

119. Principles of Secondary Education.

Identical with Education 119.

3 hours, first semester.

128. Practice Teaching.

HODGDON

Open to Seniors.

4 hours, either semester. (6 units)

130. Education and Citizenship.

Identical with Education 130.

2 hours, second semester.

PHYSICS

Professor Shedd

Assistant Professor Morse

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2, 1L-2L, 5-6, 5L-6L; differential and integral calculus. Recommended: a reading knowledge of French and German.

LOWER DIVISION COURSES

1-2. General Physics.

Must be accompanied by course 1L-2L.

Prerequisite, high school physics, trigonometry completed or in progress.

3 hours, throughout the year. (6 units)

1L-2L. General Physics Laboratory.

Completion each semester of 15 experiments selected to meet the needs and purpose of the student. To accompany course 1-2.

1 laboratory period, throughout the year. (2 units)

5-6. Problems.

Problems in Physics.

Prerequisite, course 1-2 completed or in progress and facility with the slide rule.

2 hours, throughout the year. (4 units)

5L-6L. Problems: Laboratory.

Laboratory to accompany course 5-6.

Prerequisite, course 5-6 completed or in progress.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES**101-102. Physical Chemistry.**

Identical with Chemistry 101-102.

2 hours, throughout the year. (4 units)

121-122. Theory of Electricity and Magnetism.

First semester, direct current work; second semester, alternating current work. Recitations, problems, and reports on special assignments.

3 hours, throughout the year. (6 units)

121L-122L. Electricity, Magnetism: Laboratory.

1 or 2 laboratory periods, throughout the year. (2 or 4 units)

123-124. Theoretical Mechanics.

MORSE

Requires a knowledge of differential and integral calculus.

3 hours, throughout the year. (6 units)

125. Theory of Light.

The fundamental principles of mirrors, prisms, and lenses. Optical instruments and theories of light.

2 hours, first semester.

125L. Light Laboratory.

To accompany course 125.

1 or 2 laboratory periods, first semester. (1 or 2 units)

127. Theory of Waves and Wave Motion.

Begins with the consideration of the theorems of acoustics and continues with a study of waves used in radio communication. Open to seniors and graduate students.

2 hours, one semester.

127L. Waves and Wave Motion: Laboratory.

To accompany course 127.

1 or 2 laboratory periods, one semester. (1 or 2 units)

128. Theory of Heat.

The determination of heat constants. Elements of thermodynamics.

2 hours, second semester.

128L. Heat Laboratory.

To accompany course 128.

1 or 2 laboratory periods, second semester. (1 or 2 units)

132. Precision of Measurements and Graphic Methods.

Requires a knowledge of differential and integral calculus.

2 hours, second semester.

135-136. Introduction to Modern Theories of Physics.

Open to seniors and graduate students.

3 hours, throughout the year. (6 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

POLITICAL SCIENCE

Professor Bird

Assistant Professor Bonelli

Major. A minimum of eighteen units in the upper division, including courses 211-212, and either 115-116 or 117-118. Certain related courses in Economics and History may be credited toward the major.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: Political Science 1-2 and 11, and either Economics 1-2 or a year course in History. It is recommended that all students majoring in the department, especially those who expect to pursue graduate work, should equip themselves with a reading knowledge of Latin, French, or German.

LOWER DIVISION COURSES

1-2. Principles of Government.

BIRD

An introductory course in the history, theory, and functioning of government, to furnish perspective for the understanding of modern political problems, and to provide a basis for advanced work in the department. The course meets the requirements for graduation, as prescribed by Act of Legislature, regarding American Institutions.

3 hours, throughout the year. (6 units)

11. Elementary Jurisprudence.

BONELLI

A non-technical study of the general principles underlying all municipal and international law.

3 hours, first semester.

12. Business Law.

BONELLI

A course dealing with those principles of law which are of value to the business man, including Contracts, Agency, Partnership, Corporations, Negotiable Paper, and Sales.

3 hours, second semester.

UPPER DIVISION COURSES

Twelve units in the social sciences, together with junior standing, are prerequisite to all upper division courses in this department.

101. American Political Institutions.

BONELLI

A general historical and interpretative study of the principles, framework, and functioning of our national government as outlined by the

constitution. Designed to meet the requirements of an act of the Legislature requiring the course of all candidates for a degree or Teacher's Credential.

3 hours, either semester.

102. State and Local Government in the United States. BONELLI

The problem of federalism, principles of state constitutions, the political systems of the states, organization and functions of state, county, town, and municipal government; state and local administrative problems.

3 hours, second semester.

103. American Diplomacy.

BIRD

The history, principles, and conduct of American foreign relations.

3 hours, first semester.

104. International Organization.

BIRD

The history of international relations; the origin and nature of modern states; modern diplomacy, growth of the treaty system and international law; development of international arbitration, conferences, and administrative agencies; projects for international federation; the League of Nations and its work.

3 hours, second semester.

105. Political Parties and Practical Politics.

BONELLI

A study of the origin, growth, policies, and the operations of American political parties in their relation to the State.

3 hours, second semester.

111. Governments and Politics in Europe.

BIRD

A comparative study of the chief governments of Europe with especial attention to the present trend of European politics. Given in alternate years. Given in 1924-25.

2 hours, first semester.

112. The New European Constitutions.

BIRD

Analysis of the fundamental laws of European states adopted since the World War, and consideration of recent developments in political and social democracy. Given in alternate years. Given in 1924-25.

2 hours, second semester.

113-114. Contemporary World Politics.

BIRD

Each semester a limited number of current political problems of international importance is selected for intensive study. A fee of two dollars is charged each semester to cover the cost of periodicals and scientific journals used as a basis for the work.

Prerequisite: completion of twelve units of upper division work in Political Science, Economics, or History.

2 hours, throughout the year. (4 units)

115-116. International Law.

BIRD

A study of principles and cases under the customary Law of Nations dealing with the law governing states in their normal relations and in

the relations of war and neutrality. Given in alternate years. Given in 1924-25.

2 hours, throughout the year only. (4 units)

117-118. Constitutional Law.

BONELLI

A study of the constitution of the United States as expanded by judicial interpretation. Attention is given to federal and state judicial systems as they involve the federal constitution. Given in alternate years. Not given in 1924-25.

2 hours, throughout the year only. (4 units)

119. Admiralty Law.

BONELLI

A course offering specific preparation for those who wish to enter the diplomatic or consular service, and of general value to those planning to enter the field of foreign trade.

2 hours, first semester.

123. City Problems.

BONELLI

A practical study of city problems with special reference to traffic regulation, zoning ordinances, annexations, building regulations, housing conditions, parks and playgrounds, and general problems of city growth. Given in alternate years. Given in 1924-25.

2 hours, first semester.

124. Municipal Ownership.

BONELLI

A study of the historical development of political, administrative, and financial problems of public ownership of utilities and services, including water, gas, electricity, and transportation. Given in alternate years. Given in 1924-25.

2 hours, second semester.

129. Public Finance.

BONELLI

A study of budgetary science, principles of taxation, public credit, public expenditures, and financial administration. Attention is given to financial problems of the World War.

3 hours, first semester.

GRADUATE COURSES

With the approval of the instructor in charge, the following courses are open to undergraduates with advanced standing. Certain of the upper division courses may be elected for graduate credit.

203. Socialism.

BIRD

Consideration of the theory, application, and limits of Socialism and concurrent movements away from Capitalism. Given in alternate years. Not given in 1924-25.

2 hours, first semester.

204. Government and Labor.

BIRD

The legal status of organized labor; laws and court decisions relating to strikes, lockouts, boycotts, and injunctions; labor legislation in the United States and other countries; international labor organiza-

tions and the International Labor Bureau; compulsory arbitration and industrial courts. Given in alternate years. Not given in 1924-25.

2 hours, second semester.

211-212. Seminar.

BIRD

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

RELIGIOUS EDUCATION

President Bird

Associate Professor Erdman

Mr. Schuster

Members of Other Departments

A two-hour course in this department must be taken one semester of each year spent at Occidental. Freshmen will take course 1 in the first semester. The remainder of the work is so arranged that a student may, if he desires, take two hours a week in fundamental Bible courses through the entire four years.

Certain of the courses are given in alternate years.

LOWER DIVISION COURSES

1. Life of Jesus.

A synthetic study of the four gospels. Required of freshmen in the first semester.

2 hours, first semester.

2. Life and Letters of Paul.

A comprehensive study of Paul's life and writings as recorded in Acts of Apostles and in the Epistles.

2 hours, second semester.

3. Old Testament History.

Studied with reference to the development of the life, social institutions, and religious teachings.

2 hours, first semester.

4. Isaiah and the Minor Prophets.

A study of these prophets in their historic setting and social background.

2 hours, second semester.

8. The Gospels.

A detailed study of each of the four gospels. One section is offered each year.

A. The Gospel of John.

B. The Gospel of Matthew.

C. The Gospel of Mark.

D. The Gospel of Luke.

2 hours, second semester.

11. Selected Letters of Paul.

A study of the Greek text, varying from year to year and allowing repetition of the course. Identical with Greek 11.

Prerequisite, Greek 2.

3 hours, first semester.

12. Hebrews, the Catholic Epistles, Other Non-Narrative Portions of the New Testament.

A study of the Greek text, varying from year to year and allowing repetition of the course without overlapping course 11. Identical with Greek 12.

Prerequisite, Greek 2.

3 hours, second semester.

UPPER DIVISION COURSES**103. Ethics.**

Identical with Philosophy 103.

Prerequisite, Psychology 2 and Philosophy 11-12.

3 hours, first semester.

105. Philosophy of Religion.

Theism. Identical with Philosophy 105.

Prerequisite, Psychology 2 and Philosophy 11-12.

3 hours, first semester.

106. Comparative Religion.

Identical with Philosophy 106.

Prerequisite, Psychology 2 and Philosophy 11-12.

2 hours, second semester.

107-108. Advanced Biblical Interpretation.

ALLISON

Either semester may be taken separately.

2 hours, throughout the year.

SPANISH

Professor Allison

Professor Bell

Assistant Professor Wiley

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalent. The attention of students majoring in this department is called to History 107, 109-110, 112, and to Economics 142.

Under certain conditions courses 107 to 112 may be elected for graduate credit.

In all upper division courses, credit will be given for the work of either semester.

LOWER DIVISION COURSES

1-2. Elementary Spanish.

ALLISON IN CHARGE

Students presenting one year of high school Spanish may enter this course at the beginning of the second semester.

5 hours, throughout the year only. (10 units)

3-4. Intermediate Spanish.

ALLISON IN CHARGE

Readings, grammar review, composition, and conversation.

Prerequisite, course 1-2 or two years of high school Spanish.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. History of Spanish Literature.

WILEY

A general survey of Spanish literature from the beginnings to the present time in its historical and cultural background, with a study of important masterpieces. Alternates with course 111-112. Given in 1924-25.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

103-104. Advanced Composition and Conversation.

ALLISON

Prerequisites, course 3-4.

3 hours, throughout the year. (6 units)

105-106. Spanish-American Literature.

ALLISON

A study of the principal authors of Hispano-America.

Prerequisite, course 103-104.

3 hours, throughout the year. (6 units)

107-108. Nineteenth Century Literature.

WILEY

A survey of the drama, novel, essay, and lyric from the romantic period to 1898. Alternates with course 109-110. Not given in 1924-25.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

109-110. Contemporary Literature.

WILEY

The "Generation of '98", and the twentieth century literary currents in prose and verse. Alternates with course 107-108. Given in 1924-25.

Prerequisite, course 3-4.

2 hours, throughout the year. (4 units)

111-112. The Literature of the Golden Age.

WILEY

A study of the dramatists, with special attention to Lope de Vega, Calderón, and Tirso de Molina, and of the prose writers, especially Cervantes. Alternates with course 101-102. Not given in 1924-25.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

201. Teachers' Course.

ALLISON

See Education 201.

2 hours, second semester.

SPEECH EDUCATION

Professor Lindsley

Mrs. Pipal

Minor. Seven units in the upper division chosen from the following sequences: two units from 100-104, three units from 110-115, and two units from 120-124.

Prerequisite to upper division courses: courses 1-2 or 1-4.

LOWER DIVISION COURSES

1. The Fundamentals of Speech.

LINDSLEY, PIPAL

The voice and body as agents of expression. The principles of voice and action applied in oral discourse: breath control, voice placement, resonance, vowelization, grouping, emphasis, platform manner.

Prerequisite to all other courses in the department.

3 hours, either semester.

2. Public Speaking.

The selection, arrangement, and presentation of original speech materials. The general ends of speech, outlining, the principles of attention.

Prerequisite, course 1.

3 hours, second semester.

14. Oral Reading.

The elementary principles of oral interpretation; the assimilation and expression of thought and feeling; reading from memory and the printed page. May be substituted in the second semester for course 2.

Prerequisite to upper division courses in interpretation.

Prerequisite, course 1.

3 hours, second semester.

25. Parliamentary Practice.

Drill in the principles and practice of parliamentary procedure.

No prerequisite.

1 hour, first semester.

26. English Words.

The study of English words and their ways in English speech. Vocabulary building; synonyms, antonyms, and prepositions. Lectures, written exercises, textbook assignments.

1 hour, second semester.

30. Voice and Speech Correction.

Treatment of speech disorders not considered in course 1. A special course for students who may possess speech defects that would prevent them from attaining credit in the Fundamentals of Speech. Also designed for foreign students.

No credit, either semester.

UPPER DIVISION COURSES

100. Advanced Public Speaking.

The principles of unity, sequence, emphasis, and movement applied in oral discourse. Audience adaptation; the principles of attention. Emphasis on wide reading and a comprehensive synthesis of materials.

Prerequisite, courses 1 and 2.

2 hours, first semester.

104. The Rhetoric of Oratory.

Building the oration. The principles of style in oral discourse. Study and analysis of oratorical models from Beecher, Curtis, Grady, Phillips, and Lincoln. This course should be elected by students working in the oratorical contests.

Prerequisite, course 100 or permission of instructor.

2 hours, second semester.

110. Argumentation and Debate.

An intensive course in the theory and practice of argumentation and debate. Phrasing propositions, analysis, briefing, evidence, reasoning. The principles of persuasion. Practice debates.

Prerequisite, courses 1 and 2.

3 hours, first semester.

115. Intercollegiate Debate.

Students who make positions on the debate squads are required to register for this course. Sections for men and women.

3 hours.

118. Oral Interpretation of Literature.

A study of the physical and intellectual basis of expression. The interpretation of literary forms: lyric and narrative poetry, the essay, drama. For English majors.

Prerequisite, permission of instructor.

2 hours, first semester.

124. Dramatic Reading.

The study, analysis, interpretation, and class room presentation of scenes from modern plays. For advanced students.

Prerequisite, courses 1 and 14.

2 hours, second semester.

150. Aims and Methods in Speech Education.

For prospective teachers of oral English and of speech education in the secondary schools. Lectures and demonstrations, outlined programs, and individual practice.

2 hours, second semester.

ZOOLOGY

Professor Esterly

Assistant Professor Selle

Doctor Comstock

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division, including 101L, and either 102 and 102L or 104 and 104L.

Prerequisite to the major: Courses 1-2, 1L-2L; Botany 1-2.

Prerequisite to the minor: Courses 1-2, 1L-2L.

LOWER DIVISION COURSES

1-2. Principles of Zoology.

ESTERLY

Lectures and quizzes. A survey of the animal kingdom; classification; the structure, habits, modes of life of various groups; heredity, genetics, eugenics; theory of evolution; animal behavior. Students in the College-Hospital Course must take both 1-2 and 1L-2L in the freshman year. Open to all freshmen.

3 hours, throughout the year. (6 units)

1L-2L. General Zoology Laboratory.

SELLE

A number of invertebrate types are studied, as well as the shark and salamander among vertebrates.

Prerequisite, course 1-2 completed or in progress.

2 laboratory periods weekly, throughout the year. (4 units)

7. Human Anatomy.

COMSTOCK

An outline of the structure of the human body; lectures, quizzes, demonstrations by charts, models, preparations.

Prerequisite, courses 1-2, 1L-2L.

2 hours, first semester.

8. Human Physiology.

ESTERLY

Text-book, lectures, outside reading.

Prerequisite, course 1 completed or in progress.

3 hours, first semester.

8L. Physiology Laboratory.

SELLE

Prerequisite, high school chemistry, course 8 in progress.

2 laboratory periods weekly, first semester. (2 units)

10. Entomology.

SELLE

Text-book, quizzes, demonstrations; structure, habits, economic relations of insects. Given in alternate years. Not given in 1924-25.

Prerequisite, course 1.

2 hours, second semester.

UPPER DIVISION COURSES

101. Comparative Anatomy of Vertebrates.

ESTERLY

Text-book, quizzes, demonstrations, term paper.

Prerequisite, courses 1-2 and 1L-2L.

2 hours, first semester.

101L. Mammalian Anatomy.

ESTERLY

A laboratory course dealing with the structure of the cat and the white rat.

Prerequisite, courses 1-2 and 1L-2L.

6 or 9 hours in the laboratory, first semester (2 or 3 units)

102. Histology.

ESTERLY

Text-book, collateral reading and reports on the microscopic anatomy of the higher vertebrates. Given alternately with course 104. Given in 1924-25.

Prerequisite, course 101L.

2 hours, second semester.

102L. Histology Laboratory.

ESTERLY

Study of preparations of various tissues of higher vertebrates; preparation of slides. Given in the same year as 102.

Prerequisite, course 101L, completed, 102 completed or in progress.

6 hours in the laboratory weekly. (2 units)

104. Vertebrate Embryology.

ESTERLY

Text-book and collateral reading on development of the body. Given in alternate years with 102. Not given in 1924-25.

Prerequisite, course 101L.

2 hours, second semester.

104L. Embryology Laboratory.

ESTERLY

Study of development of the chick and the pig; preparation of microscopic slides. Given in the same year as course 104.

Prerequisite, course 101L, completed, 104 completed or in progress.

6 hours in the laboratory weekly, second semester. (2 units)

105. Cytology.

SELLE

The study of the structure and activity of cells. Given in alternate years; not given in 1924-25.

Prerequisite, courses 1-2, 1L-2L.

2 hours, first semester.

106. Parasitology.

SELLE

Structure, life cycles, habits of parasites of higher animals; relation to diseases; text-book and demonstrations. Given in alternate years. Given in 1924-25.

Prerequisite, courses 1-2, 1L-2L.

2 hours, second semester.

107. Human Anatomy.

COMSTOCK

Prerequisite, courses 1-2, 1L-2L, 101L, completed or in progress.

2 hours, first semester.

108. Human Physiology.

ESTERLY

Prerequisite, course 101L.

3 hours, first semester. (3 units)

108L. Physiology Laboratory.

SELLE

Prerequisite, high school Physics and Chemistry, course 101L, completed or in progress, and course 108 in progress.

6 hours in the laboratory weekly, first semester. (2 units)

121L. Advanced Laboratory.

ESTERLY

The student works independently on a chosen topic, and the results are embodied in a paper at the end of the course. Open to seniors and graduate students.

Prerequisite, at least 6 units of upper division work, including course 101L, and either 102-102L, or 104-104L.

3 or more hours in the laboratory weekly, first semester. (1 unit for each 3 hours).

201. Teachers' Course.

ESTERLY

See Education 201. Given in alternate years. Not given in 1924-25.

2 hours, first semester. (2 units)

SCHEDULE OF CLASSES

1924-1925

Lower division courses are numbered 1 to 99; upper division, 100 to 199; graduate courses, 200 and above. L added to a number denotes a laboratory or field course, 1:00 to 3:55 p. m.

Classroom periods, shown under HOURS, begin as follows:

		M	T	W	T	F
1st Period	8:30- 9:25	1	1	1	1	1
2nd "	9:30-10:25	2	2	2	2	2
Chapel	10:30-10:45					
3rd Period	10:50-11:45	3	3	A	3	S
4th "	11:50-12:45	4	4	4	4	4
5th "	1:00-1:55	5	5	5	5	5
6th "	2:00-2:55	6	6	6	6	6*
7th "	3:00- 3:55	7	7	7	7	7*

The weekly Assembly is held on Wednesday at 11:10 a. m.

The 3rd period on Friday is given over to the Associated Students.

*Any combination.

FIRST SEMESTER					COURSE	SECOND SEMESTER						
HOURS						HOURS						
M	T	W	Th	F			M	T	W	Th	F	
2	-	2	-	2	1	Botany	2	2	-	2	-	2
-	L	-	L	-	1L	"	2L	-	L	-	L	-
-	1	-	1	-	3	"	4L	-	L	-	L	-
L	-	L	-	-	3L	"	201	-	1	-	1	-
-	L	-	L	L	103	"						
2	-	2	-	2	1	Chemistry	2	2	-	2	-	2
L	-	L	-	-	1L	"	2L	L	-	L	-	-
L	-	L	-	-	3L(1)	"	4L(1)	L	-	L	-	-
-	L	-	L	-	3L(2)	"	4L(2)	-	L	-	L	-
L	L	-	L	-	5L	"	6L	L	L	-	L	-
-	2	-	2	-	7	"	8	-	2	-	2	-
L	L	-	L	-	111L	"	8L	-	L	-	L	-
-	-	-	-	3	201	"	111L	L	L	-	L	-
						"	201	-	-	-	-	3
-	-	L	-	-	All	Drawing, F. H.	All	-	-	L	-	-
L	L	-	L	L	1	Drawing, T.	2	L	L	-	L	L
L	L	-	L	L	3	"	4	L	L	-	L	L
L	L	-	L	L	7	"	8	L	L	-	L	L
L	L	-	L	L	11	"	12	L	L	-	L	L
L	L	-	L	L	15	"	16	L	L	-	L	L
L	L	-	L	L	117	"	118	L	L	-	L	L
4	-	4	-	4	1	Economics	2	4	-	4	-	4
-	4	-	4	-	3	"	4	-	4	-	4	-
2	-	2	-	2	15	"	17	2	-	2	-	2
1	-	1	-	1	17	"	18	1	-	1	-	1
1	-	1	-	1	101	"	102	1	-	1	-	1
2	-	2	-	2	121	"	122	2	-	2	-	2
3	3	-	3	-	141	"	142	3	3	-	3	-
Arrange					205	"						
Arrange (1)					Seminar	"	Seminar	Arrange (1)				

FIRST SEMESTER					COURSE	SECOND SEMESTER						
HOURS						HOURS						
M	T	W	Th	F			M	T	W	Th	F	
-	5	-	5	-	101	Education	101	-	5	-	5	-
1	-	1	-	1	105	"	106	1	-	1	-	1
L	-	-	-	-	113	"	112	-	4	-	4	-
4	-	4	-	4	119	"	114	L	-	-	-	-
-	4	-	4	-	127	"	122	-	-	-	3	-
-	3	-	3	-	130	"	130	3	3	-	3	-
6	-	6	-	6	136	"	133	4	-	4	-	4
Arrange					201	"	136	6	-	6	-	6
-	6	-	6	-	206	"	206	-	6	-	6	-
1	-	1	-	1	1	English	2	1	-	1	-	1
2	-	2	-	2	1	"	2	2	-	2	-	2
3	3	-	3	-	1	"	2	3	3	-	3	-
4	-	4	-	4	1	"	2	4	-	4	-	4
5	-	5	-	5	1	"	2	5	-	5	-	5
6	-	6	-	6	1	"	2	6	-	6	-	6
2	-	2	-	2	51	"	52	2	-	2	-	2
4	-	4	-	4	51	"	52	4	-	4	-	4
-	3	-	3	-	53C	"	54C	-	3	-	3	-
-	4	-	4	-	55	"	56	-	4	-	4	-
-	5	-	5	-	61	"	62	-	5	-	5	-
-	4	-	4	-	101	"	102	-	4	-	4	-
-	2	-	2	-	103	"	104	-	2	-	2	-
-	1	-	1	-	118	"	122	2	-	2	-	2
2	-	2	-	2	121	"	132	5	-	5	-	5
5	-	5	-	5	129	"	140	1	-	1	-	1
4	-	4	-	4	137	"	144	3	3	-	3	-
1	-	1	-	1	139	"	146	-	5	-	5	-
-	5	-	5	-	145	"	147	5	-	5	-	5
5	-	5	-	5	147	"	168	-	4	-	4	-
3	3	-	3	-	151	"	180	4	-	4	-	4
-	4	-	4	-	167	"	201	-	6	-	6	-
-	2	-	2	-	255	"	256	-	2	-	2	-
1	1	1	1	1	1	French	2	1	1	1	1	1
2	2	2	2	2	1	"	2	2	2	2	2	2
1	-	1	-	1	3	"	4	1	-	1	-	1
3	3	-	3	-	3	"	4	3	3	-	3	-
4	-	4	-	4	101	"	102	4	-	4	-	4
1	-	1	-	1	103	"	104	1	-	1	-	1
6	-	6	-	6	105	"	106	6	-	6	-	6
-	2	-	2	-	107	"	108	-	4	-	4	-
-	3	-	3	-	109	"	110	-	3	-	3	-
3	3	-	3	-	11	Geology	12	3	3	-	3	-
-	L	-	L	-	11L	"	12L	-	L	-	L	-
-	2	-	2	-	114	"	14L	L	-	L	-	-
						"	14	-	-	1	-	1
						"	114	-	2	-	2	-
1	1	1	1	1	1	German	2	1	1	1	1	1
3	3	-	3	-	3	"	4	3	3	-	3	-
2	-	2	-	2	101	"	102	2	-	2	-	2
4	-	4	-	4	103	"	104	4	-	4	-	4

FIRST SEMESTER						COURSE		SECOND SEMESTER					
HOURS								HOURS					
M	T	W	Th	F				M	T	W	Th	F	
1	1	1	1	1	1	Greek	2	1	1	1	1	1	
-	4	-	4	-	6	"							
3	3	-	3	-	11	"	12	3	3	-	3	-	
6	-	6	-	6	U.D.	"	U.D.	6	-	6	-	6	
-	6	-	6	-	111	"	112	-	6	-	6	-	
2	-	2	-	2	1	History	2	2	-	2	-	2	
-	2	-	2	-	5	"	6	-	2	-	2	-	
3	3	-	-	-	5	"	6	3	-	3	-	-	
5	5	-	5	-	5	"	6	5	5	-	5	-	
2	-	2	-	2	101	"	102	2	-	2	-	2	
1	-	1	-	1	103	"	104	1	-	1	-	1	
4	-	4	-	4	105	"	106	4	-	4	-	4	
3	3	-	3	-	109	"	110	3	3	-	3	-	
2	-	2	-	2	107-112	"	107-112	2	-	2	-	2	
1	-	1	-	1	113	"	116	-	1	-	1	-	
-	1	-	1	-	115	"							
4	-	4	-	4	1	History of Art	2	4	-	4	-	4	
2	-	2	-	2	3	"	6	3	3	-	3	-	
3	3	-	3	-	5	"	108	2	-	2	-	2	
-	4	-	4	-	110	"							
-	2	-	2	-	3	Hygiene	2	-	1	-	1	-	
-	2	-	2	-	4	"	5	-	L	-	L	-	
2	-	2	-	2	104	"	104	1	-	1	-	1	
1	-	1	-	-	112	"	110	2	-	2	-	2	
1	1	1	1	1	1	Latin	2	1	1	1	1	1	
3	3	-	3	-	3	"	4	3	3	-	3	-	
-	2	-	2	-	9	"	10	-	2	-	2	-	
4	-	4	-	4	101	"	102	4	-	4	-	4	
6	-	6	-	6	103	"	104	6	-	6	-	6	
Arrange					105	"	106	Arrange					
2	-	2	-	2	1	Mathematics	2	2	-	2	-	2	
1	-	1	-	1	3	"	4	1	-	1	-	1	
-	3	-	3	-	5	"							
-	-	L	-	-	5L	"	6	-	3	-	3	-	
-	2	-	2	-	7	"	6L	-	-	L	-	-	
2	-	2	-	2	11	"	101	-	2	-	2	-	
3	3	-	3	-	121	"	122	3	3	-	3	-	
5	-	5	-	5	125	"	126	5	-	5	-	5	
1	-	1	-	1	3	Philosophy							
2	-	2	-	2	11	"	12	2	-	2	-	2	
3	3	-	3	-	101	"	102	3	3	-	3	-	
6	6	-	6	-	103	"	106	1	-	1	-	1	
-	2	-	2	-	105	"	112	-	2	-	2	-	
						"	119	6	-	6	-	6	
4	-	4	-	-	1a	Phys. Ed., Men	2a	4	-	4	-	-	
-	4	-	4	-	1a	"	2a	-	4	-	4	-	
4	-	4	-	-	3a	"	4a	4	-	4	-	-	
-	4	-	4	-	3a	"	4a	-	4	-	4	-	

FIRST SEMESTER						COURSE		SECOND SEMESTER					
HOURS								HOURS					
M	T	W	Th	F				M	T	W	Th	F	
8	-	8	-	-	1b	"	2b	8	-	8	-	-	
8	-	8	-	-	3b	"	4b	8	-	8	-	-	
-	2	-	2	-	101	"	8	-	3	-	3	-	
2	-	2	-	-	115	"	108	-	2	-	2	-	
						"	116	2	-	2	-	-	
4	7	4	7	-	1a	Phys. Ed., Women	2a	4	7	4	7	-	
7	4	7	4	-	3a	"	4a	7	4	7	4	-	
Arrange					5	"	5	Arrange					
-	8	8	-	-	7	"	8	-	8	8	-	-	
-	3	-	3	-	9	"	10	2	-	2	-	2	
-	3	-	3	-	102	"	103	-	3	-	3	-	
4	-	4	-	-	104	"	105	2	-	2	-	2	
-	1	-	1	-	109	"	106	-	2	-	2	-	
						"	108	-	1	-	1	-	
3	3	-	3	-	1	Physics	2	3	3	-	3	-	
-	1	-	1	-	5	"	6	-	1	-	1	-	
1	-	1	-	1	121	"	122	1	-	1	-	1	
2	-	2	-	2	123	"	124	2	-	2	-	2	
2	-	2	-	2	128	"	132	2	-	2	-	2	
L	L	-	L	L	All Labs.	"	All Labs.	L	L	-	L	L	
3	3	-	3	-	1	Political Science	2	3	3	-	3	-	
5	-	5	-	5	11	"	12	5	-	5	-	5	
4	-	4	-	4	101	"	101	4	-	4	-	4	
5	-	5	-	5	103	"	102	3	3	-	3	-	
-	1	-	1	-	111	"	104	5	-	5	-	5	
-	2	-	2	-	113	"	106	-	6	-	6	6	
6	-	6	-	-	115	"	112	-	1	-	1	-	
-	5	-	5	-	119	"	114	-	2	-	2	-	
-	4	-	4	-	123	"	116	6	-	6	-	-	
3	3	-	3	-	129	"	124	-	4	-	4	-	
1 hour					Seminar	"	Seminar					1 hour	
1	-	1	-	1	2	Psychology	22	1	-	1	-	1	
2	-	2	-	2	2	"	22	2	-	2	-	2	
-	-	L	-	L	121	"	122	L	-	L	-	-	
4	-	4	-	4	123	"	124	4	-	4	-	4	
-	-	-	1	-	125	"	126	-	1	-	1	-	
						"	127	Arrange					
1	-	1	-	-	1	Religious Ed.	2	1	-	1	-	-	
2	-	2	-	-	1	"	2	2	-	2	-	-	
-	2	-	2	-	1	"	4	-	3	-	3	-	
-	2	-	2	-	3	"	10	-	2	-	-	2	
-	3	-	3	-	3	"	12	3	3	-	-	3	
6	-	6	-	6	103	"	106	1	-	1	-	1	
-	2	-	2	-	105	"	108	-	7	-	7	-	
-	7	-	7	-	107	"							
-	2	-	2	-	151	Sociology	152	-	2	-	2	-	
-	5	-	5	-	155	"	156	-	5	-	5	-	

FIRST SEMESTER						COURSE		SECOND SEMESTER					
HOURS								HOURS					
M	T	W	Th	F				M	T	W	Th	F	
1	1	1	1	1	1	Spanish	2	1	1	1	1	1	
4	4	4	4	4	1	"	2	4	4	4	4	4	
2	-	2	-	2	3	"	4	2	-	2	-	2	
2	-	2	-	2	3	"	4	2	-	2	-	2	
6	-	6	-	6	3	"	4	6	-	6	-	6	
5	-	5	-	5	101	"	102	5	-	5	-	5	
4	-	4	-	4	103	"	104	4	-	4	-	4	
3	3	-	3	-	105	"	106	3	3	-	3	-	
-	2	-	2	-	109	"	110	-	2	-	2	-	
1	-	1	-	1	1	Speech Education	1	2	-	2	-	2	
4	-	4	-	4	1	"	2	1	-	1	-	1	
6	-	6	-	6	1	"	2	4	-	4	-	4	
2	-	2	-	2	2	"	2	6	-	6	-	6	
-	-	-	5	-	25	"	26	-	-	-	5	-	
-	2	-	2	-	100	"	30	Arrange					
2	-	2	-	2	110	"	104	-	2	-	2	-	
-	1	-	1	-	118	"	115	Arrange					
						"	124	-	1	-	1	-	
1	-	1	-	1	1	Zoology	2	1	-	1	-	1	
L	-	L	-	-	1L	"	2L	L	-	L	-	-	
-	2	-	2	-	101	"	102	-	2	-	2	-	
-	L	-	L	-	101L	"	102L	-	L	-	L	-	
-	1	-	1	-	7 & 107	"	106	-	2	-	2	-	
2	-	2	-	2	8 & 108	"							
-	L	-	L	-	8L & 108L	"							

GENERAL INFORMATION

DORMITORY

Men students planning to enter Occidental College may make application to the Dean to have their names placed on a list of applicants for rooms in James Swan Hall, a strictly fire-proof dormitory, heated by steam, lighted by electricity, and abundantly supplied with bathrooms and sleeping porches. A permanent list for choice and assignment of rooms is kept for each class; and as the order of names on the lists is determined by dates of application, students are advised to make early reservations.

A deposit of five dollars, to be applied on rental, is required at the time of application for a room. This deposit will not be returned in case of failure to occupy the room.

Rooms are rented at the rate of fifty dollars a semester for each occupant, or seventy-five dollars in the case of corner rooms. No contract is for less than a semester, and a student who seeks lodging elsewhere after the semester has begun is not thereby freed from any portion of the rental. Forfeiture of deposit does not imply the right of any registered student to cancel his contract for the rental of a room. When a student is compelled to withdraw from college on account of sickness, a reasonable refund will be made from the rental, which is payable in advance.

One student may engage one half of a double room, but if he names no roommate, the College reserves the right to assign the other half of the room to an applicant of its own selection. The right to occupy a room is given only to the student to whom the room is assigned, and to his roommate. The occupants of a room are held responsible for any disorder occurring therein, and a breakage deposit of five dollars is required of every occupant of a room at the beginning of each semester. The residue of this deposit will be returned after deducting each student's pro rata of the damage sustained by the building and furniture during each semester.

The building has full janitor service. The College supplies furniture and bedding, an equal amount to each student, with sanitary laundering of the bedding. Occupants of rooms must furnish their own towels and provide for laundering them. The College furnishes light and heat.

The College reserves the right to exclude from the dormitory any undesirable occupant.

Residence in the dormitory insures convenient and comfortable housing and identifies the student with the social unity of the College in a manner not otherwise possible.

THE COMMONS

The College Commons, one of the enterprises of the Associated Students of Occidental College, is conducted on a coöperative basis under the supervision of the Graduate Manager. Regular meals are provided for the members of the College and the community. The luncheons, served on the cafeteria plan, accommodate the entire student body. The aim of the Commons is to convenience the students in procuring wholesome food at prices lower than those prevailing at the usual commercial establishments.

Certain social activities of the College and its community also find here a common center of interest. The various clubs within the student body and faculty, as well as those connected with the institution at large, as the Occidental Women's Club and Alumni Association, hold frequent dinners and social meetings in the rooms provided for these purposes.

The management employs student help wherever practicable, insuring a means of partial self-support to many students.

REGULATIONS REGARDING SOCIAL LIFE

The College attempts to exercise judicious control over the social life of its students through a system of regulations governing their living and activities. Students are required to keep reasonable hours and to conduct themselves with propriety at all times. A copy of the rules governing the social life of the students may be obtained from the Dean.

RESIDENCES FOR STUDENTS

For all students not living at home or in the dormitories, places of residence are provided by means of a system of approved and registered lodging and boarding accommodations. All students not living in these quarters must have their places of residence approved by the administration.

Suitable quarters for resident women students are provided in a number of homes on the edge of the campus, each of which is presided over by a house-mother. These homes, accommodating groups

ranging in number from five to twenty-five, afford a maximum of comfort at the lowest possible expense.

All homes that are used as places of residence by women students must be registered in the office of the Dean of Women.

COLLEGE ASSEMBLIES

The weekly College Assembly, the Student Assemblies, and the chapel exercises, characterize the unanimity of Occidental life. The student gatherings discuss and deal with all activities organized under the Student Body constitution, as well as other interests of student concern. The weekly Assembly, at which seniors and faculty appear in academic dress, is the formal convocation of the entire college. It is addressed regularly by eminent men and women, often of national and international recognition, on topics vital to our social structure. On other days of the week brief morning prayers are conducted in the Chapel.

RELIGIOUS PRIVILEGES

The purpose of Occidental College is to fit young men and women for life in its largest sense, under distinctively Christian influences. Various religious privileges, in addition to the formal chapel exercises of the College, contribute to the atmosphere of Christian culture surrounding the student.

The Y.M.C.A. and the Y.W.C.A. are both represented by strong organizations, active and effective in student life. Their weekly meetings are addressed by influential speakers; definite work is carried on by both in social service; voluntary Bible and mission-study classes are maintained during the year. Both organizations assist new students in entering the social life of the College; each year they publish the *Handbook*, an official guide to Occidental traditions; each renders an important service through Self-Help Bureaus, conducted for the benefit of those who seek to earn a part of their expenses during the college year. Both societies are supported by a large majority of the members of the student body.

The Student Volunteer Band, a particularly strong organization, is a constant stimulus to the religious life of the College. Largely through its influence Occidental now has a representation of more than fifty men and women on foreign mission fields.

Churches in the vicinity of the College give special attention to student constituency, while the larger churches of the city offer religious privileges of exceptional merit.

STUDENT ORGANIZATIONS AND ACTIVITIES

THE ASSOCIATED STUDENTS OF OCCIDENTAL COLLEGE

The organization of the Associated Students of Occidental College, chartered under the student body constitution, controls all student enterprises. It functions through its Executive Committee, which is composed of the officers of the Association, the Graduate Manager, and one representative from each of the following: Alumni, Athletics, Faculty, Forensics, *The Occidental*, and the Associated Women Students. All students are members of the organization. By voluntary assessment, each member pays five dollars each semester to the College treasury as an Associated Student Fund, which is disbursed by the association in the furtherance and maintenance of various student activities. Each student in return receives a ticket to various public games and entertainments, and in general shares in the benefits of the Association.

The officers and members of the Executive Committee for the year 1923-24 are:

HAROLD WAGNER.....	<i>President</i>
CHARLOTTE McGRATH.....	<i>Vice-President</i>
ALICE ATKINSON.....	<i>Secretary</i>
FRED F. McLAIN.....	} <i>Graduate Manager</i> <i>Alumni Representative</i>
DORIS FOWLER.....	
CLIFFORD ARGUE.....	<i>President Associated Women Students</i>
EDWARD JONES.....	<i>Athletic Representative</i>
THURSTON HARSHMAN.....	<i>Oratorical Representative</i>
DR. W. D. WARD.....	<i>Editor 'The Occidental'</i>
	<i>Faculty Representative</i>

THE ASSOCIATED WOMEN STUDENTS

The Associated Women Students, an organization to which all women students automatically belong, fosters and promotes those college interests with which its members as a unit are particularly concerned. It controls all intercollegiate activities of women students, including forensics and athletics, and meets at various times during the year in a social way. Through it the members of the upper classes make an effort at the beginning of the year to establish right social relationships for those women entering the College. It annually elects The Women's Tribunal, a court composed of six

members from the upper classes, which meets regularly in furtherance of the traditions and ideals of the College. The president is *ex-officio* a member of the Executive Committee of the Associated Students, and of the Student Affairs Committee.

The organization is a member of the Southern California Intercollegiate Conference of Associated Women Students.

The officers for the year 1923-24 are:

DORIS FOWLER.....	<i>President</i>
FAITH McCracken.....	<i>Vice-President</i>
ALICE JOHNSON.....	<i>Secretary</i>
ALICE GATES.....	<i>Treasurer</i>
MILDRED ZELHOFER.....	<i>Oratorical Representative</i>
ELLA ANDERSON.....	<i>Athletic Representative</i>

FORENSICS

The College offers those students interested in forensics ample opportunity to engage in its various activities. Both the men and the women students maintain collegiate membership in intercollegiate debating, oratorical, and extemporaneous speaking leagues among the colleges of southern California. The colleges commonly included in the conferences are: California Institute of Technology, Pomona, Redlands, University of California in Los Angeles, University of Southern California, Whittier and Occidental. Annually the men's debating teams meet those of representative institutions in other sections of the country. In 1922-23 the schedule of intercollegiate debates with institutions outside of the State included Beloit College, Brigham Young College, College of the Pacific, Denver University, Gonzaga University, and the University of Maine.

Chapters of Tau Kappa Alpha and Pi Kappa Delta, national honorary forensic societies, are well established in the College.

THE BOOK STORE

The Occidental Book Store, an Associated Student enterprise conducted under the Graduate Manager, furnishes text-books and student supplies at rates below the usual retail prices. It also provides a medium through which students may dispose of used text-books. All profits from the store go to the support of student activities.

STUDENT PUBLICATIONS

The College newspaper, *The Occidental*, edited and managed by an organized staff of the students of the College, appears weekly during the college year. The student annual, *La Encina*, is published in May by the junior class. The Press Club issues *The Sabre Tooth*, a literary magazine containing the work of students. A *Handbook* of information is issued at the beginning of each year by the Y.M.C.A. and Y.W.C.A.

ATHLETICS

As a part of the work of the department of Physical Education, various forms of competitive intercollegiate athletics are engaged in by the College. The Southern California Conference, composed of California Institute of Technology, Pomona, Redlands, Southern Branch of the University of California, Whittier, and Occidental, annually officially schedules games in the various sports under conference rulings. Games in the major sports are also scheduled with teams outside of the Conference.

THE GLEE CLUBS

Both the men and the women of the College maintain Glee Clubs. Membership in each is based upon ability shown in competitive trials at the opening of the college year. Besides furnishing music at various exercises of the College, each Club annually gives a concert. During vacations, the Men's Club regularly visits a number of towns and cities within the State. Each Club contributes in notable degree to the social and artistic life of its members and to the musical interests of the College.

MODERN LANGUAGE CLUBS

Le Cercle Francais and El Circulo Español are two social organizations of the students who are studying French and Spanish respectively. The object of each is to familiarize its members with conversational use of the language and the culture of its people.

OTHER STUDENT SOCIETIES

The literary societies maintained by the students of the College include Press Club, the Forum Debating Society, and four general literary societies of the usual type; Lowell and Stevenson, com-

posed of men; and Dial and Laurean, composed of women.

The scientific and professional societies include the Burke Economics Club, Pi Epsilon Pre-Engineering Society, the Pre-Legal Society, the Science Club, and Theta Pre-Medic Fraternity.

Societies interested in art are Arden Dramatic Society, The Daubers, and Theta Alpha Phi, national honorary dramatic fraternity.

Social organizations, among both men and women, maintain themselves in the College. In 1922 the faculty ruling against national fraternities was removed. All fraternities, including the various house clubs, are under the supervisory jurisdiction of a faculty Committee on Fraternities.

DEGREES CONFERRED IN 1923

DOCTOR OF LAWS

President James A. Blaisdell

DOCTOR OF DIVINITY

Rev. William E. Roberts

BACHELOR OF ARTS

Adams, Walter	Lawson, Bruce Merton
Allen, G. Nathan	Leonard, Frank Albert
Allison, Winthrop Theodore	Lindley, Clara R.
Angell, John	Lindsey, Sarah Lawson
Armstrong, John Forrest	MacDonald, Katherine E.
Atkinson, Barnett	McCollum, Ethel L.
Betts, William G.	Mansfield, Colonel Henry
Bleeker, Averick E.	Marble, Elizabeth Hamilton
Blohm, Evangeline	Millar, Helen Alice
Brewster, Metta	Millard, Avis E.
Bruce, Jane L.	Miller, Bessie E.
Carver, Vera	Miller, Margaret Wass
Clos, Leonie	Moore, Glenn W.
Corbet, Robert Jamieson	Newhouse, Eva Lucile
Coulson, Ireta C.	Odell, Margaret N.
Croswell, S. Gladys	Pinkerton, Susan May
Davidson, David J.	Ray, Raymond
Ellerman, Louise	Rice, H. Edison
Erwin, Thomas McGregor	Rigby, John
Fessenden, Alvah G.	Sanders, Yula
Fisher, Angie Florence	Saunders, Louise M.
Gifford, Brooks	Schenck, Doris Irene
Grimm, Flora	Sloan, William Harold
Hadden, Paul E.	Stone, E. Franklin
Hagin, Fanny Alice	Stone, Katherine Elizabeth
Heacock, Florence Mildred	Sutherland, Samuel Herbert
Higley, Gladys M.	Timmons, Howard M.
Hoenshel, Helen May	Uzzelle, Ida
Holcomb, Katherine M.	Veghte, Adeline Hollister
Hull, Carroll	Veghte, Helen Holme
Inglehue, Elwood H.	Walker, Donald
James, Robert M.	Walton, Miles P.
Jeter, Bessie M.	Watling, Robert
Jillson, Anna M.	Watts, J. Hampton
Kenworthy, Florence N.	Waite, Byron Rufus
Langsdorf, Wilhelmina	Welton, Harold Edward
Lassalette, Amelia	Werdin, Grace Dorothy
	Williams, Donald Cary

BACHELOR OF SCIENCE

Fisk, Henry G.

HONORS AWARDED IN 1923

CLASS HONORS

FIRST FRESHMAN

Sutherland, Genevieve

SECOND FRESHMAN

Enright, Adrienne

Fuller, Lorraine

Leung, Martha

MacInnis, William

Potter, Doris

Stevenson, Annette

Straight, Harold

Triplett, Ruby

FIRST SOPHOMORE

Allison, Neva

Jones, Edward

King, Marchant

Turner, Lola

Zellhoefer, Mildred

SECOND SOPHOMORE

Brockman, Dorothy

Gleason, Elizabeth

Gustafson, Ruth

Lowman, Oella

MacInnis, Mary

Stevenson, Robert

Vogel, Pearl

Wimmer, Louise

FIRST JUNIOR

Christenson, Helen

Ellworth, Phillip

Giffen, Ernest

Harlan, Leslie

Harshman, Thurston

Meese, Katherine

SECOND JUNIOR

Clark, Wallace

Corbett, Isabella

Fowler, Doris

Hege, Mildred

Macpherson, Margaret

Robinson, Ruby

FIRST SENIOR

Davidson, Dave

Langsdorf, Wilhelmina

MacDonald, Katherine

Williams, Donald C.

SECOND SENIOR

Gifford, Brooks

Hagin, Fanny Alice

Hoenshel, Helen

Veghte, Adeline

Werdin, Grace

FINAL HONORS

FIRST

Williams, Donald C.

Valedictorian

SECOND

Davidson, Dave

Salutatorian

Hoenshel, Helen

Langsdorf, Wilhelmina

ELECTED TO THE HONOR SOCIETY

Davidson, Dave

Gifford, Brooks

Hoenshel, Helen

Holcomb, Katherine

Langsdorf, Wilhelmina

MacDonald, Katherine

Mansfield, Colonel

Marble, Elizabeth

Williams, Donald C.

DEPARTMENTAL HONORS

Williams, Donald C.—English

PRIZES IN RELIGIOUS EDUCATION

First Prize, \$25.00—Katherine MacDonald, '23

Second Prize, \$15.00—Evelyn Clarke, '26

Third Prize, \$10.00—Margaret Wallace, '26

PRIZE IN ACCOUNTING

\$50.00—Adrienne Enright, '26

PRIZE IN POLITICAL SCIENCE ESSAY

\$25.00—Dave Davidson, '23

PRIZES IN HISTORY

\$50.00—Edward H. Jones, '24

\$50.00—Ernest C. Giffen, '24

REGISTER OF STUDENTS

1923-1924

All home addresses are in the State of California and City of Los Angeles, unless stated to be elsewhere.

(1) First semester only; (2) second semester only.

GRADUATE STUDENTS

- | | |
|---|------------------------------|
| ¹ Allen, G. Nathan, A. B. | 921 E. 17th St., Santa Ana |
| Occidental College | English |
| Atwood, Howell, A. B. | 138 No. Parkwood, Pasadena |
| Occidental College. | Political Science |
| Bonelli, W. G., A. B. | 1837 W. Jefferson St. |
| University of Southern California | Political Science |
| ² Brothers, D. R., B. A. | 919 Annandale Blvd. |
| Ohio Wesleyan University | Spanish |
| Craigmile, Ella M., A. B. | 5614 Irvington Place |
| Occidental College | English |
| Dalzell, Cloyde, B. A. | 659 La Loma Rd., Pasadena |
| Carnegie Institute of Technology | English |
| ¹ Fowler, Ruth, A. B. | 1717 Fair Oaks, So. Pasadena |
| University of Oregon | Education |
| ¹ Goodlander, George B., A. B. | 445 Lola Ave., Pasadena |
| Occidental College | Education |
| ² Granger, Grace H., A. B. | 1547 Glendale Blvd. |
| Oberlin College | Education |
| ² Lewis, Sadie Reye, A. B. | 1323 Rydal St. |
| University of Nebraska | Education |
| ² McCunn, Jean, A. B. | 2055 Ridgeview |
| Pomona College | English |
| Meier, Ruth, B. A. | 1002 Hope St., So. Pasadena |
| Carleton College | English |
| Oakes, Maude, A. B. | 636 Prospect Blvd., Pasadena |
| Pomona College | Education |
| ² Ostrow, Esther, A. B. | 222 Mt. Washington Dr. |
| University of California | English |
| ² Macpherson, Margaret, A. B. | 1120 Atchison St., Pasadena |
| Occidental College | Philosophy |
| ² Ray, Margaret, A. B. | 4651 Oakwood |
| Vassar College | Economics |
| ¹ Wight, Hazel, A. B. | 3655 McClintock |
| University of Southern California | English |
| Limb, John R., B. S. | 1805 Summit Ave., Pasadena |
| Kansas State Teachers' College. | English |

SENIORS—CLASS OF 1924

Akey, Orinda	Route G, Box 49, Fresno
Argue, Clifford	4532 Glassell Ave.
Atkinson, Alice	1023 Fremont Ave., So. Pasadena.
Atkinson, Irene	1023 Fremont Ave., So. Pasadena.
Blydenstein, Elizabeth	Arvin, Kern County
Boice, Charles	Vista del Arroyo Hotel, Pasadena
Breeze, Dwight	Newman
Brooks, Ruth	620 E. Central, Sierra Madre
Brown, Leonora	25 Orange Place, Pasadena
Carney, Lucile	1832 W. Ave. 46
Chaffee, Wilber	1555 W. Ave. 46
Clark, Wallace	835 N. Las Palmas
Condit, Don	R. F. D. 1, Box 385, San Gabriel
Corbett, Isabella	No. 6 Brinkley Apts., El Paso, Texas
Cosgrove, John C.	1185 Erie St., Pasadena
Crawford, Margaret	1187 N. Los Robles, Pasadena
Crawford, Willie Mae	203 Palm Drive, Watts
Czerniski, Lorine	209 W. Doran, Glendale
Danilevitch, Eugene	Occidental College
Dean, Beth	4837 Linden Way
Elliott, Mildred	624 E. Colorado, Glendale
Ellsworth, Phillip	5552 Carlton Way, Hollywood
Finnell, Elmas	2239 W. Palm
Fowler, Doris	1717 Fair Oaks Ave., So. Pasadena
Garstang, Dorothy	617 N. Ross St., Santa Ana
Giffen, Ernest	1543 W. Ave. 46
¹ Gilmore, Birdie	Bancroft, Iowa
Goodenough, Leroy	Fillmore
Gilliland, Lloyd	193 Hawthorn Blvd., Hawthorn
Hamilton, Herbert	2413 Fourth St., Santa Monica
Harshman, Thurston	Box 645, Glendale
Haynes, Irving	440 Kensington, Pasadena
Hege, Mildred	5123 Windemere
Holcomb, Georgia	116 N. Calaveras St., Fresno
Houghtaling, Mary F.	5753 Tenth Ave.
Imhoff, Myrtle	3335 Mono, Fresno
² James, Edwarda	334 So. Westlake
Johnson, Cornelia	2504 A St., San Diego
Jones, Bernice	518 W. Santa Paula St., Santa Paula
Jones, Edward H.	2261 W. 29th Place
Kaljian, Elsie S.	Route H, Box 252, Fresno
Lalonde, Doris	1619 Whitefield Rd., Pasadena
Lindquist, Carl	2011 17th St., Bakersfield
¹ Macpherson, Margaret	1120 Atchison St., Pasadena
McCracken, Faith	Dinuba
McCunn, Gertrude	2055 5Ridge View Ave.
McGrath, Charlotte	117 Lafayette Park Place
McKee, Louise	1816 Woodrow
Meese, Katherine	1764 Summit Ave., Pasadena
Moore, Merritt	5327 Abbott Place
Morrill, Evelyn	320½ W. Ave. 52
Morrow, Clair	5120 Laroda Ave.

Mussen, Mary	363 S. Bonnie Brae
² Nash, Mary	1010 Prospect Blvd., Pasadena
² Norton, James C.	201 Fleming Bldg., Phoenix, Ariz.
Palmer, Donald	165 N. Catalina, Pasadena
Parks, Florence	310 Fort Moore Place
Parmenter, Al	612 Mound Ave., So. Pasadena
Paup, Marjorie	1742 Garfield Place, Hollywood
Pier, Helen	2789 St. James Place, Altadena
Reavis, Harold M.	1416 Calumet Ave.
Robinson, Ruby	1169 Bresee Ave., Pasadena.
Ruth, Virna	5608 Marmion Way
Scott, Margaret E.	Anaheim
¹ Selle, Wilbur	1022 E. Culver St., Phoenix, Ariz.
Smith, Grace W.	4707 Westview
Stevens, Florence	2131 Ridgeview Ave.
Tracy, Lois	1801 Mineral St.
Trinkkeller, Elsa	1515 S. Wilton Place
Trundy, Dorothy	870 N. Park, Pomona
Wagner, Harold	635 Mira Mar Ave., Long Beach
Walker, Elizabeth	208 E. Broadway, Anaheim
Weeks, Evelyn	1582 Le Moyne St.
White, Emily	645 So. Euclid Ave., Pasadena
Wilson, Georgia	440 F St., San Bernardino
Wilson, Margaret	Downey
Yorba, Gilbert	La Verne
Zellhoefer, Lillian	320 No. Stoneman, Alhambra

JUNIORS—CLASS OF 1925

Allison, Neva	829 Washington Place, Long Beach
Anderson, Ella	1129 W. Kensington Rd.
¹ Angus, Albert	Arcadia
Austin, Elizabeth	119 N. Madison, Pasadena
Bender, David	115 S. 4th, Alhambra
Bennetts, Fred	Mountain View
Blankenship, Margaret	1065 Hoffman, Long Beach
Bohland, Hilda	1438 Armadale
Bradshaw, Frank	106 W. Ninth, San Bernardino
Buckman, Phil	Exeter
Campton, Lucile	2933 Altura St.
Chawner, Don	765 Summit Ave., Pasadena
Clark, Margaret	376 Franklin, St., Napa
Coons, Jessie	Box 343, Anaheim
Creswell, Stanley	2130 Norwalk
Croswell, Bernice	4523 E. Broadway, Long Beach
¹ Daniels, Esli	266 Lindon, Long Beach
Davidson, Katherine	1143 N. Lake, Pasadena
Davis, Julia	1254 W. 31st St.
Davis, Lawrence	Woodlake
Davis, Loring	Exeter
De Mandel, Ranier	2923 Washington Blvd., Santa Monica
¹ Eastin, Thomas	Newman
Eastman, Virginia	1645 S. San Fernando Rd., Glendale

Eckerman, Caroline	Covina
¹ Ellis, Leola	1715 W. Lewis, San Diego
¹ Ellis, Leone	1715 W. Lewis, San Diego
Ellis, Ruth	1638 W. 45th St.
Erwin, Jennie	El Monte
Feaver, Marion	Fowler
Gates, Alice	515 Monterey Rd., So. Pasadena
¹ Garey, Arthur	683 Broadway, El Centro
Gunn, Annabel	Gig Harbor, Washington
Gunn, Harriet G.	919 S. Harvard Blvd.
Gustafson, Ruth	830 G St., San Bernardino
Hayslip, Helen	706 Crenshaw
Henry, Helen	36 N. Wilson Ave., Pasadena
Hodges, Helen	5652 Baltimore
¹ Homan, Charles	613 E. Orange Grove, Pasadena
Hunt, Ethel	2125 Yosemite Drive
Huston, Louise	409 W. 46th St.
Ingledue, Helen	501 E. Wilson, Glendale
Jacobson, J. V.	108 Pepper St., Pasadena
Johnson, Alice	1101 N. Los Robles, Pasadena
Johnson, J. Lawrence	1101 N. Los Robles, Pasadena
Kent, Eleanor	2125 E. Sixth St., Long Beach
Kile, Virginia	421½ S. Bright, Whittier
King, Marchant	5220 Stratford Rd.
² Krelle, Marie	1922 N. St. Andrews Pl., Hollywood
Lawson, Jack	225 Brand Blvd., Glendale
Leishman, Esther Louise	1144 Slizabeth St., Pasadena
Lindquist, Jerome	Bakersfield
Lindsey, Mary	1159 S. Norton
Link, Frances	Exeter
Lowman, Oella	346 N. Ave. 51
MacDonald, Malcolm	1144 Cornwell St.
MacInnis, Mary	1112 N. Garfield, Alhambra
McClain, Alva	4765 College View
McNinch, Martha	1242 Belleview Ave.
Mantle, Verne	217 Sherman Canal, Venice
Meillette, Louis J.	5716½ Camarford Ave.
Miller, Charles H.	1711 N. Ave. 53
Moore, Mary K.	540 N. Ave 54
Moorsalian, Harold D.	Visalia
Morse, Edith	1044 12th St., Santa Monica
Morsey, Anna	5205 Range View
¹ Park, Ross	1719 W. Ave. 46
Pederson, Carroll H.	E. 1107 Nora Ave., Spokane
Pitcher, Marian	60 N. Lake Ave., Pasadena
Powers, John	Beaumont
Pritchard, Esther	449 Nebraska Ave., Long Beach
Pursel, Louis Dale	166 N. Meredith Ave., Pasadena
Raymond, Francis	335 Palmetto Drive, Pasadena
Ridderhoff, David	122 Witmer
Righter, Ruth	R. L. Box 18, Orange
Roberts, Howard D.	5268 Ellenwood Drive
Roucek, Joseph	4843 Baltimore

Sackett, Robert	1641 W. 23rd
¹ Savage, Bernice	1557 Park, Eagle Rock
¹ Schatz, Clarence	R. R. Box 95, Fresno
Schooley, Erma	368 S. Shaffer, Orange
Shaffer, Ross	1512 Missouri Ave., Keokuk, Iowa
Sharp, Mary	424 S. Evergreen
Spangler, John	623 N. Ross, Santa Ana
Stevenson, Robert	3044 E. 5th St., Long Beach
Stocker, Helen	Honesdale, Pa.
Stubblefield, Gertrude	231 20th St., Merced
Subke, Walter	992 S. Kingsley Dr.
Sutherland, Hugh	4008 Homer
Sutton, Herbert	365 Annandale Blvd.
Terry, Dorothy	2066 E. Fairpark
Townsend, Laurene	1425 Mar Vista, Pasadena
Triplett, Ruby	338 S. Grand
Vogel, Pearl	1095 Molino Ave., Long Beach
Wadsworth, Guy	5717 Harold Way
¹ Waterston, Wilfred	15 W. California St., Pasadena
Westlund, Elmer	5264 Brighton
White, Harvey	990 E. Mountain, Pasadena
Wimmer, Louise	122 W. Chestnut, Glendale
Zellhoefer, Mildred	320 N. Stoneman, Alhambra

SOPHOMORES—CLASS OF 1926

¹ Anderson, Clarence	Evanston, Wyo.
Atkinson, Clara	1023 Fremont Ave., So. Pasadena
Barndt, David	212 N. Mariposa
Barnes, Leland	310 S. Vendome St.
Barr, Eleanor	200 Hamlet St.
Berggren, Lucile	6033 Meridian St.
Black, Esther	250 Kenneth Rd., Glendale
² Brott, Wilbur	2059 Ridgeview
Brown, Kathleen	667 S. Lake, Pasadena
Brown, Marjorie	667 S. Lake, Pasadena
Caldwell, Agnes	326 W. Wilson, Glendale
¹ Caldwell, Eunice	326 W. Wilson, Glendale
Carter, Ernest	275 E. Ridgeway
Carter, Paul	2527 W. Ave. 30
Chamlee, Frank	Orosi
Chandler, Edwin	9555 El Molino
¹ Chapman, Mearle	R. Box 295, Fresno
¹ Cherrie, Arthur	2219 Hollister, Santa Barbara
Coleman, Ethel	140 Locust Ave., Long Beach
Conklin, De Ette	Box 278, Santa Barbara
Cornett, Gordon	1153 5th St., Santa Monica
² Coutts, George	1502 Fremont, So. Pasadena
Creighton, Carroll	1202 E. Thomas Rd., Phoenix, Ariz.
¹ Crosby, Lawrence	960 Manzanita
Dally, Adeline	2306 Bennett, Glendora
Damaskin, Nicholas	1034 N. State St.
Daniels, Burdette	5231 Fairmont

- Davidson, Jean
 Davidson, Robert
 Davis, Eugene
 Ebers, Clarence
 Faucette, Frank
¹Fine, Margaret
 Folger, Lois
 Forden, George
²Franklin, R. C.
 Fuller, Lorraine
 Fulton, Elton
 Garrison, Hazel
 Gates, Ralph
 Giffen, Grace
 Grafious, Lester
 Green, Edith
 Grospe, Felix
 Hall, Ruth
 Hargrave, Edgar
 Harper, Howard
 Hazeltine, Harvey
 Hess, Jess
 Holaday, Kenneth
 Hoobyar, Luther G.
 Hunter, Mary
 Isenor, Ethel
 Johnson, Walfred
 Kalet, Rupert
 King, Frank
 Kleinpell, Robert
²Kleinsteiber, Vere
 Larsen, William
 Lawrence, Gregory
 Lee, Kathryn
 Lee, Murray
 Leung, Martha
 Lewis, Ralph
 Link, Carl
¹Lopez, Adele
 Lowman, Lucy
 Lytle, Elinore
 MacInnis, William M.
 MacRae, Lucia
 McConnell, Hariett
 McCunn, Annie G.
 MacDonald, Anita
 McLeod, Beth
 Miller, Dwight
 Milos, Charley
 Montgomery, Dorothy
 Montgomery, Kenneth
 Morey, Herbert
 Morse, Marian
 Fierro, N. M.
 Fierro, N. M.
 Woodlake
 1112 Dawson, Long Beach
 970 Dexter St.
 418 E. Randolph, Huntington Park
 1807 Ave. 46
 R. R. Box 2, Merced
 Woodlake
 1899 N. Raymond, Pasadena
 153 B St., Oxnard
 1662 Walworth Ave., Pasadena
 Santa Barbara
 1543 W. Ave. 46
 347 S. Malabar, Huntington Park
 4568 Ohio St., San Diego
 536 S. Hope St.
 Strathmore
 Yorba Linda
 214 Ridgwood Place
 San Jacinto
 Coalinga
 Tulare
 Box 275, Turlock
 1225 Marengo Ave., So. Pasadena
 Huntington Beach
 Turlock
 Occidental College
 Box 156, Fillmore
 618 Aldama Terrace
 231 E. 71st St.
 1375 Ridgeway, Pasadena
 1521 E. Mountain, Pasadena
 6422 Eagle Rock Ave.
 2111 Aubrey
 920 Sacramento St., San Francisco
 Santa Ana
 Box 338, Exeter
 658 S. Chicago
 346 N. Ave. 57
 719 E. McDowell, Phoenix, Ariz.
 1112 Garfield, Alhambra
 448 W. Ave. 56
 555 N. El Molino, Pasadena
 2055 E. Ridgeway
 436 W. Broadway, Glendale
 Box 513, Escondido
 1443 Armadale
 3209 Casita Ave.
 5260 N. Acacia
 1621 Paloma St., Pasadena
 Covina
 1302 Wilshire, Santa Monica

Munger, Maynard	2966 Russell St., Berkeley
Mussen, Richard	363 S. Bonnie Brae
Nakamura, Frank	306 N. Ave. 22
Nash, J. V.	Chino
Newhall, Eleanor	1857 Campus Rd.
Newhall, Myrtle	1857 Campus Rd.
¹ Olsen, Andrew	Newman
Osborne, Marianna	1201 Georginia Ave., Santa Monica
Parker, Daryl	1432 E. Maple, Glendale
Parks, Edward	Obion, Tenn.
Pashgian, Aram	225 Grand View, Pasadena
Pohlman, Anton	1515 S. Third, Alhambra
Potter, Dorris	2308 Las Colinas Ave.
Pozzo, Flora	2901 Francis Ave.
¹ Priaulx, Pierre	1902 Vista Del Mar, Hollywood
¹ Ramsaur, Genevieve	444 S. Norton Ave.
Raymond, Lawrence	335 Palmetto Dr., Pasadena
Rideout, Esther	Whittier
Rudell, Lloyd	444 Angeleno, Burbank
Sawyer, Eleanor	700 E. Windsor Rd., Glendale
¹ Severin, Ethyl	5306 Irvington Place
¹ Scott, Hugh	Anaheim
¹ Shearing, Lloyd	Filer, Idaho
¹ Shoaf, Gordon	1744 S. Harvard Blvd.
¹ Shreve, Dorothy	64 Valley St., Pasadena
¹ Snoddy, Emory	Arcadia
¹ Steiger, Juanita	Point Loma
Stevens, Newell	Main and Jefferson
Stoller, George	Camas, Washington
Stotts, Beulah	Tujunga
Straight, Harold	2306 W. Palm
Sutherland, Genevieve	4008 Homer St.
¹ Switzer, Helene	1015 W. Chester Place
Tanaka, Shizona	5905 El Mir Drive
Tanner, Chester	Morro
Taylor, Robert	2313 Norwalk
Thayer, Josephine	2009 Norwalk
Thompson, Elsie	1096 Steuben St., Pasadena
Todd, David	444 W. Wilson, Glendale
Vargo, Irma	5201 Ellenwood Drive
Vickroy, Esther	5258 Sunset Blvd.
Waddingham, Francis	1725 Hoyt, Everett, Wash.
¹ Wakefield, Walter	229 S. 12th St., El Centro
Wall, Cyril	267 Platt St., Lynwood
Wallace, Margaret	500 W. Ave. 50
Walton, Marian	
Warren, Beulah	5156 Eddy Ave.
Weaver, Roy	El Monte
Westgate, Tevis	113 W. Third, Santa Ana
Wheat, Lauretta	203 N. Maclay, San Fernando
Wheeler, Roy	Baldwin Park
Wilson, Doris	1222 E. Eighth St., Long Beach
Wilson, Kenneth	935 S. Mariposa
Wolf, Carl	2018 Ridge View Ave.
Wright, T. Page	2104 Homer St., Loma Portal

FRESHMEN—CLASS OF 1927

Allen, Mitchell	3825 Randolph Ave., Oakland
² Amerongen, William	507 E. Washington St., Pasadena
Archer, Neal	4462 Sunset Blvd.
Armstrong, Lois	4731 York Blvd.
Armstrong, Ruth	4731 York Blvd.
Ayers, Louise	342 Jackson St., Glendale
Baech, Edward	1233 W. 51st Place
Bailie, Carlisle	5250 Kenilworth, Eagle Rock
Bailey, Marjorie	415 E. Harvard, Glendale
Baker, Alvin R.	5162 Shearin Ave., Eagle Rock
¹ Bartlett, Pace	727 S. Trola St.
Bean, John	Woodlake, Calif.
¹ Berry, Lester	Berthoud, Colo.
Betts, Frederick	392 Coronado, Long Beach
Bevis, Dorothy	144 S. Cedar, Glendale
Bierbaum, Viola	240 S. Madison, Pasadena
Bierer, Kenneth	Woodlake, Calif.
Bilheimer, Ruth	1104 Fremont Ave., So. Pasadena
Black, Charles	355 N. Euclid, Pasadena
Black, Howard	355 N. Euclid, Pasadena
Blackstone, Eleanor	1525 Columbia St., So. Pasadena
Blackstone, William	1525 Columbia St., So. Pasadena
Blasingham, Marion	334 N. Ave. 52
² Bloom, Carl	1145 E. Green St., Pasadena
Bone, Ewing	Clovis, Calif.
Brobst, Theodore	230½ W. Ave. 52
Brodhead, Theodore	252 Stedman Place, Monrovia
Buell, Charlotte	317 Colorado Place, Long Beach
Buley, Horace	800 Rome Drive
Burleson, Donald	590 Irving Blvd.
Burns, Sarah	1375 Ridgeway, Pasadena
Buxton, Bronson	1422 W. Third St., Santa Ana
Cady, Earl	1064 N. Chester Ave., Pasadena
Campbell, Richard	Mill Valley
Canfield, Merritt	La Habra
Carper, Evelyn	R. F. D. 6, Phoenix, Ariz.
Cashman, Frances	5009 Buchanan St.
Chaffee, Guy	610 Alpine Drive, Beverly Hills
Chaffin, Ruth	1939 E. Yosemite Drive, Eagle Rock
Chambers, Amanda	Anaheim
¹ Chandler, Burney	1831 Woodrow, Eagle Rock.
¹ Chapman, Annette	R. Box 295, Fresno
Chapman, Beatrice	755 N. Chester, Pasadena
Clapp, Norton	300 Elevado Drive, Pasadena
Clarke, Evelyn	R. F. D. 4, Inglewood, Box 664
¹ Clark, Lillian	5401 Arbor Ave., Oakland
¹ Clark, Truman	827 N. Stoneman, Alhambra
Cogswell, Evelyn	1305 Arrowhead Ave., San Bernardino
Comstock, Tracy	401 N. Bailey St.
Conde, Victor	Puente
Corrigan, Bess	1965 Milan, So. Pasadena
Craig, Florida	2460 W. Colorado, Eagle Rock

Craigmile, Viola	5614 Irvington Place
Crandall, Stewart	5608 Irvington Place
Crawford, Jean	125 N. Grand Oaks, Pasadena
¹ Crinklaw, Eve	Santa Susana
Cunningham, Harry	1115 Fairview, So. Pasadena
Cuthbert, Phil	212 W. Ave. 56
¹ Dagg, George	Winslow, Ariz.
¹ Dailey, Emma	Camarillo
Dasher, Edith	625 S. Madison, Pasadena
Davis, Mildred	Woodlake
Deaver, Ralph	Puente
Denn, Ellen	Redondo
Deseo, Jose	Apparri, P. I.
Donley, Joe	545 S. Euclid, Pasadena
Doran, Herbert	Ashland, Ore.
Dotseth, John	Black Eagle, Mont.
Duncan, Carroll	3431 Pasadena Ave.
Dunning, Beryl	3841 Trinity St.
Eckhoff, Irving	San Rafael
Eddlemon, Ozro	Lodi
Evans, Stanley	883 Paola
Farmer, Helen	5072 Satsume, Eagle Rock
¹ Farnham, Josephine	514 W. Glendale, Glendale
Featheringill, Marguerite	1701 Phillips Way
Folts, David	5128 El Verana Drive, Eagle Rock
Fontaine, George	San Jose
Frank, Mabel	284 N. El Molino, Pasadena
Free, Josephine	17 Yale Ave., University City, Mo.
¹ Gaffney, Edwin Fr.	551 E. California St., Pasadena
Galarza, Ernest	910 D and E Sts., Pasadena
Galogly, Ronald	Glendale, Ariz.
Gardner, Allan	Flagstaff, Ariz.
Gephart, William	822 S. Norton
Gilbert, Dorothy	3541 The Paseo
Gilliland, Dorothy	1446 N. Hollister, Pasadena
Gloyn, Cyril	1821 S. Main
Glunz, Margaret	Dumaguete, P. I.
Godett, Michael	4939 Buchanan St.
Gregg, Lester	3041 Elliot St., Long Beach
Gregory, Merrill	130 Hillcrest, Fullerton
Hall, Harvey	1323 Echo Park Ave.
Hammersley, Marion	Puente
¹ Hancock, Merle	2015 Sixth Ave.
Haserot, Lester	4018 Effie St., Hollywood
Henshaw, Francis	1010 S. Berendo
Herr, Ralph	Niagara Falls
Hitch, Harris	Moore Park
² Hitch, Margaret	432 W. Ave. 56
Hoit, Janet	1244 N. Michigan Ave., Pasadena
Holland, Wendell	126 N. Ave. 54
House, Hazel	2128 E. La Verna Ave.
¹ Hudson, Thomas	525 Glendon Way
Hurlbert, Elgin	Pacific Grove

Jacobs, Isabella	1409 Armadale
¹ Johnson, Frances	701 E. 54th St.
¹ Jones, Harriett	6033 Meridian St.
Keech, William	3220 Arvia
Kelso, Robert	500 Los Angeles Ave., La Crescenta
¹ Kepple, Evelyn	353 W. 41st Place
Kizer, Beatrice	5721 Monte Vista
Lavelle, Reginald	317 S. Hill St.
Lembke, Glenn	818 Montrose Ave., So. Pasadena
Lembke, Lois	1007 Island Ave., Wilmington
Lerchen, Frank	1763 Campus Rd.
Lesh, Elisabeth	409 S. Hill Ave., Pasadena
Lind, Nena	1625 Las Lumas, Pasadena
Lindley, Robert	Santa Ana
Loper, John D., Jr.	Box 1381, Phoenix, Ariz.
McCunn, Drummond	2055 Ridge View Ave.
McDonald, Ruby A.	517 N. 60th St., Seattle, Wash.
McDougall, Elizabeth	Tustin
McHann, Thurman	Charter Oak
McKay, Robert	1611 Fletcher, So. Pasadena
¹ McFadden, John	Santa Ana
¹ McMillan, Carleton	1165 N. Hill, Pasadena
¹ Martin, Earl	Evanston, Wyo.
Matsumata, James	1752 Pine Ave., Long Beach
Miller, Genevieve	5142 Kenilworth
Miller, Hubert	2371 Norwalk Ave.
Mishkin, Solly	1919 Kent
Moeller, Clarence	Delta, Colo.
Moore, Dorothy	5667 Irvington Place
Neely, Russell	Fullerton
Nehls, Bennett	58 W. Peoria, Pasadena
Okada, Shigeru	202 N. San Pedro
¹ Osmun, Mildred	5429 N. Delaware
Parra, Anthony	1187½ N. Eastlake
Parsons, Alice	Hemet
Peck, Sam H.	Santa Paula
Perkins, Paul	1615 Rose Villa St., Pasadena
Phillips, Loraine	6151 Pasadena Ave.
¹ Pitzer, Jay	So. Lark Ellen Blvd., W. Covina
¹ Pollard, Reginald	Downey
Price, R. Guthrie	409 W. Hillcrest, Monrovia
Prichard, Elizabeth	1111 W. 51st St.
Pritchett, Louise	Napa
Purser, George	Woodlake
² Ramajo, Victor	Ramona Hotel
Ramos, Bartolome	745 S. El Molino, Pasadena
Randall, Waldemere	3242 Drew St.
¹ Rapp, Olive Maie	2373 W. Adams
Rasmussen, Ernest	511 E. Broadway, Glendale
Reavis, Everett	1416 Calumet Ave.
Rhodes, Dorothy	Chino
Riggs, John R.	2637 Winifred Way
Ritchie, Ethel	Ojai

Russell, Gertrude	1251 4th Ave.
Schuyler, Ernest	330 Ivy St., Glendale
Shaley, Marian	5216 Ellenwood
Shaver, Mahlon	Azusa
Shaw, Leiland	247 S. Johnston St.
¹ Sheldon, Kenneth	Ojai
Sherwood, Helen	422 N. Jackson, Glendale
¹ Sherwood, James	422 N. Jackson, Glendale
² Shoemaker, Kathryn	118 N. Chester, Pasadena
¹ Siebold, Carolyn	7277 Overland Ave., Palms
² Sminia, Byran	230 S. Pine, San Gabriel
Smith, Barbara	743 S. Adams St., Glendale
¹ Smith, Francis	1654 Loma St., Santa Barbara
Snow, Stillson	Oxnard
Soule, Edwin	1799 Campus Rd.
² Spencer, Paul	219 W. Ave. 42
² Stein, Albert	126 E. Ave. 45
Stellar, Josephine	1110 Glendon Way, So. Pasadena
Stone, Louise	257 W. California St., Pasadena
Strayer, Arjuna	42 Terrace Dr., Pasadena
² Tanner, Ervin	Morro Bay
Teachout, Arthur	347 Annandale Blvd.
Templeton, Osborne	Covina
Terry, Duane	408 No. Maryland St., Glendale
Tifal, Adele	576 N. Kingsley Dr.
Tifal, Chester	576 N. Kingsley Dr.
Trehwella, Mary J.	1522 Munson Ave.
Turley, Claude	Grandview, Wash.
Van Deusen, Alice	60 N. Lake Ave., Pasadena
² Van Vleck, Helen	713 N. Ave. 53
Wallace, Marjorie	2828 E. First St., Long Beach
Watson, Dorothy	1500 Hill Ave., Glendale
Webb, Clarence	750 Holland Ave.
White, Daniel	2018 Ridge View
Whited, Marjorie	105 S. Court St., Visalia
¹ Whipple, Fred	1705 E. Fourth, Long Beach
Willbee, Elizabeth	200 La Paloma, Alhambra
Wilshire, Logan	800 Elizabeth St., Pasadena
¹ Wintz, Homer	Chatsworth
Wyman, Paul	244 N. Madison, Pasadena
Yorba, Bernardo	202 W. Ave. 57

SPECIAL STUDENTS

² Cunningham, Annette	140 S. Los Robles, Pasadena
Dickenson, Harold	3215 E. Fifth St.
Harrison, Inez	323 N. Maryland, Glendale
² Hay, Malcolm	1327 Gardner St., Hollywood
² Hilton, Oscar	147 W. 58th St.
Musser, Frances	600 W. Colorado Blvd., Glendale
Reigart, Richard	1061 Olive, Long Beach
Smith, Ruth	826 Lacy St., Santa Ana
Soule, Lucia	1799 Campus Rd.
¹ Vaughn, Sara	638 Donald Ave., Hollywood
¹ Wells, John	1211 N. Normandie

STATISTICAL SUMMARY

DEGREES GRANTED IN 1923

Doctor of Laws.....	1
Doctor of Divinity.....	1
Bachelor of Arts.....	75
Bachelor of Science.....	1
Total.....	78

SUMMARY OF REGISTRATION, 1923-1924

	Men	Women	Total
Graduates	6	12	18
Senior	23	44	67
Juniors	44	61	105
Sophomores	79	65	144
Freshmen	121	79	200
Specials	7	3	10
	280	264	544

OCCIDENTAL COLLEGE ALUMNI ASSOCIATION

(Organized 1897)

OFFICERS, 1923-1924

FRED F. McLAIN, 1916	-	-	-	-	-	-	-	<i>President</i>
KATHERINE WEST, 1919	-	-	-	-	-	-	-	<i>Vice-President</i>
LUCILLE M. JACKSON, 1917	-	-	-	-	-	-	-	<i>Secretary-Treasurer</i>
BRUCE LAWSON, 1923	-	-	-	-	-	-	-	<i>Alumni Editor</i>
RAYMOND SELLE, 1920	-	-	-	-	-	-	-	<i>Alumni Representative</i>

GRADUATE COUNCIL

	Term Expires
Howell Atwood, 1917	1924
Gertrude Loud, 1920	1924
Helen Kemper, 1915	1924
Truman Johnson, 1921	1924
Florence Glassey, 1916	1924
Harry Kirkpatrick, 1914	1925
D. S. Hammack, 1905	1925
Harold McClellan, 1922	1925
Aileen Polhamus, 1919	1925
Edwin B. Lawyer, 1914	1925
Fred F. McLain, 1916	1926
Katherine West, 1919	1926
Don Odell, 1919	1926
Gladys Boeckenoogen, 1922	1926
Ernestine Kinney, 1917	1926

CLASS SECRETARIES OF THE ALUMNI

- 1895 Alphonso E. Bell, Santa Fe Springs, Calif.
 1896 Walter V. E. Thompson, 131 W. Ave. 54, Los Angeles, Calif.
 1898 Rev. Edward H. Miller, Seoul, Korea.
 1900 Amy Gordon, 4811 Pasadena Ave. Terrace, Los Angeles, Calif.
 1902 D. C. Chapin, E. 623 Baldwin Ave., Spokane, Wash.
 1903 Fred H. Schauer, Santa Barbara, Calif.
 1904 A. W. Buell, 2425 E. First St., Long Beach, Calif.
 1905 P. B. Goodell, Claremont, Calif.
 1906 Miss Grace Webster, 210 N. Lake Ave., Pasadena, Calif.
 1907 Dr. R. G. Cleland, Occidental College, Los Angeles, Calif.
 1908 Mrs. Fred Caldwell, 230 Eddy Ave., Eagle Rock City, Calif.
 1909 Miss Lois MacKalip, 200 E. Ave. 42, Los Angeles, Calif.
 1910 Philip Dodson, 1132 Meridian, South Pasadena, Calif.
 1911 David R. Faries, 1344 S. Figueroa St., Los Angeles, Calif.
 1912 Harold Landreth, 508 Central Bldg., Pasadena, Calif.
 1913 Mrs. Nora N. Shaw, 2660 Orchard, Los Angeles, Calif.
 1914 Mrs. Hugh McNary, 4416 Towne Ave., Los Angeles, Calif.
 1915 Miss Helen Kemper, 3558 Dayton Ave., Los Angeles, Calif.
 1916 Paul Kirkpatrick, Berkeley, Y. M. C. A., Berkeley, Calif.
 1917 Miss Lucille M. Jackson, 2803 Menlo Ave., Los Angeles, Calif.
 1918 Miss Irene E. Rogers, Azusa, Calif.
 1919 Miss Sarah Young, 573 S. Boyle Ave., Los Angeles, Calif.
 1920 Mrs. Harlan Loud, 156 Paloma Ave., Eagle Rock, Calif.
 1921 Miss Evelyn A. Hoick, 429 Euclid Ave., Los Angeles, Calif.
 1922 Miss Clara Ducey, 539 Eldora Road, Pasadena, Calif.
 1923 Miss Sarah Lindsey, 1159 South Norton St., Los Angeles.
 1924 Miss Doris Fowler, 1717 Fair Oaks Ave., South Pasadena.

OCCIDENTAL COLLEGE WOMEN'S CLUB

OFFICERS, 1923-1924

GLADYS BOEKENOOGAN, '22	-	-	-	-	-	-	-	-	<i>President</i>
ERNESTINE KINNEY, '17	-	-	-	-	-	-	-	-	<i>Vice-President</i>
PEARL GRANT, EX-11	-	-	-	-	-	-	-	-	<i>Corresponding Secretary</i>
IRENE TANNER, '20	-	-	-	-	-	-	-	-	<i>Treasurer</i>

FORM OF BEQUEST

Those intending to devise property to Occidental College are requested to use the following form:

"I hereby give, devise and bequeath unto Occidental College
 of Los Angeles, State of California, the sum of.....

..... Dollars."
 For property other than money the form should be correspond-
 ingly varied.

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OCCIDENTAL COLLEGE OFFICIAL PUBLICATION

NEW SERIES

VOL. II, No. 3

CATALOGUE 1925-1926

with
REGISTER OF STUDENTS
1924-1925

Los Angeles
Published by the College
March 1925

OCCIDENTAL COLLEGE OFFICIAL PUBLICATION

New Series

March, 1925

Vol. II, No. 3

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A copy of the College Catalogue or other issues of the Official Publication of the College will be forwarded to any address on receipt of request for the same.

Address all communications to
Occidental College,
Los Angeles, California.

DIRECTORY

The campus is reached by street cars from Broadway via Eagle Rock line, or from Spring Street via York Boulevard line. From Glendale, Pacific Electric cars run to Eagle Rock. The better approaches to the College by highways are via Pasadena Avenue-York Boulevard and San Fernando-Verdugo Roads; from Glendale and Pasadena, via Colorado Boulevard-Eagle Rock Avenue.

CATALOGUE OF OCCIDENTAL COLLEGE

1925-1926

with
REGISTER OF STUDENTS
1924-1925



Los Angeles
Published by the College
March 1925

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CALENDAR

1925

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1926

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COLLEGE CALENDAR

1925-1926

Sept. 1	Tuesday	Last day for receiving application for entrance examinations.
Sept. 10-11	Thursday-Friday	Entrance examinations at the College.
Sept. 14-15	Monday-Tuesday	Registration days.
Sept. 16	Wednesday	First semester begins; College Assembly at 11 a. m.
Sept. 18	Friday	Last day for registration of old students, for filing study-lists, or for changing study-lists without special fee.
Sept. 24	Thursday	Procession of Lanterns.
Oct. 2	Friday	Last day for registration for full work.
Oct. 30	Friday	Last day for discontinuing a course.
Nov. 26-27	Thursday-Friday	Thanksgiving recess.
Dec. 18	Friday	Christmas vacation begins, 3:30 p. m.
Jan. 4	Monday	Christmas vacation ends; instruction begins, 8:30 a. m.
Jan. 22-28	Friday-Thursday	Mid-year examinations.
Jan. 29-30	Friday-Saturday	Registration for second semester.
Feb. 1	Monday	Instruction of second semester begins, 8:30 a. m. Last day for filing application in candidacy for the Master of Arts degree to be conferred in June.
Feb. 10	Wednesday	Day of Prayer for Colleges.
Feb. 22	Monday	Holiday; Washington's Birthday.
April 9	Friday	Spring vacation begins, 3:30 p. m.
April 19	Monday	Spring vacation ends, 8:30 a. m.
April 20	Tuesday	Founders Day (celebrated, April 21).
April 30	Friday	Last day for removal of conditions by candidates for a degree in June.
May 17	Monday	Last day for filing, in final form, thesis for Master of Arts degree to be conferred in June.
May 31	Monday	Holiday; Memorial Day (May 30).
June 4-10	Friday-Thursday	Final examinations.
June 6	Sunday	Baccalaureate Sermon; Vesper services of Christian Association.
June 12	Saturday	Senior Class Day, 10:30 a. m. Thirty-fourth Annual Commencement.

ADMINISTRATIVE OFFICERS

BOARD OF TRUSTEES

TERM EXPIRING JANUARY 31, 1926

JAMES MARWICK, Braemar Ranch, Santa Barbara, California.
HERBERT G. WYLIE, 120 Broadway, New York City, New York.
ALMER MAYO NEWHALL, Newhall Building, San Francisco, California
REMSSEN DU BOIS BIRD, D. D., Occidental College, Los Angeles, Calif.

TERM EXPIRING JANUARY 31, 1927

FRANK P. FLINT, Title Insurance Building, Los Angeles, California.
REV. ROBERT FREEMAN, D. D., 675 Magnolia Ave., Pasadena, Calif.
ALPHONZO E. BELL, Beverly Hills, California.
WILLIAM MEADE ORR, Alhambra, California.

TERM EXPIRING JANUARY 31, 1928

JOHN G. BULLOCK, Seventh and Broadway, Los Angeles, California.
FRED H. SCHAUER, Santa Barbara, California.
JED W. BURNS, 672 South Serrano Street, Los Angeles, California.
HENRY GUDGELL BOICE, San Carlos, Arizona.

TERM EXPIRING JANUARY 31, 1929

*GEORGE E. HUNTSBERGER, 450 Lucerne Avenue, Los Angeles, Calif.
JAMES GARFIELD WARREN, 323 Andrew Blvd., Los Angeles, Calif.
A. POMEROY HOFFMAN, 137 Cedar Avenue, Long Beach, California.
HAROLD B. LANDRETH, 701 Pacific Southwest Bldg., Pasadena, Calif.

TERM EXPIRING JANUARY 31, 1930

REV. WILLIAM STEWART YOUNG, D. D., 573 South Boyle Avenue,
Los Angeles, California.
E. P. CLAPP, M. D., 300 Elevado Drive Pasadena, California.
REV. HUGH K. WALKER, D. D., LL. D., 2642 Van Buren Street,
Los Angeles, California.
ARTHUR W. BUELL, M. D., 911-925 Pacific Southwest Building, Long
Beach, California.

*Deceased.

OFFICERS OF THE BOARD

(1925-1926)

.....	<i>President</i>
ROBERT FREEMAN.....	<i>First Vice-President</i>
E. P. CLAPP.....	<i>Second Vice-President</i>
WILLIAM S. YOUNG.....	<i>Secretary</i>
JED W. BURNS.....	<i>Treasurer</i>
WILBUR G. SMART.....	<i>Assistant Treasurer</i>

COMMITTEES OF THE BOARD

EXECUTIVE:—————;	Freeman, Clapp, Young, Burns, Orr.
FINANCE:	Burns, Chairman; Wylie, Orr, Bell, Marwick.
FACULTY:	Young, Chairman; Bell, Bird.
NOMINATING:	Bird, Chairman; Schauer, Young, Boice.
GROUND AND BUILDINGS:	Clapp, Chairman; Huntsberger, Marwick, Orr, Bell.
LIBRARY:	Landreth, Chairman; Walker, Bullock, Newhall, Flint.
DEGREES:	Newhall, Chairman; Warren, Freeman, Buell, Hoffman.

OFFICERS OF THE ADMINISTRATION
AND INSTRUCTION

OFFICERS OF THE ADMINISTRATION

REMSSEN DU BOIS BIRD, A. B., B. D., D. D.....	<i>President</i>
THOMAS G. BURT, A. B., A. M., Ph. D.....	<i>Dean</i>
ROBERT GLASS CLELAND, A. B., Ph. D.....	<i>Dean of Men</i>
IRENE T. MYERS, A. B., Ph. D.....	<i>Dean of Women</i>
LOWELL J. CHAWNER, A. B.....	<i>Registrar</i>
GEORGE FOX COOK, A. B., Ph. D.....	<i>Librarian</i>
ELIZABETH JOHNSTON McCLOY, A. B.....	<i>Assistant Librarian</i>
ELIZABETH ADA FALES.....	<i>Assistant Librarian</i>
JOHN PRICE ODELL, A. B., M. A.....	<i>Assistant Librarian</i>
WILBUR G. SMART	<i>Business Manager</i>
GRACE M. STOCKWELL.....	<i>Secretary to the President</i>
MABEL C. THAYER.....	<i>Assistant to the Registrar</i>
MARJORIE WILLIAMS.....	<i>Secretary to the Dean</i>
THOMAS BERESFORD.....	<i>Head Gardener</i>
HELEN E. CUTTING.....	<i>Director of the Commons</i>
EDITH A. LAWRIE.....	<i>Office Assistant</i>

* THE FACULTY

- ERNEST E. ALLEN, 129 South Avenue 53, Los Angeles.
Professor of Mathematics.
A. B., Park College, 1899, M. A., 1903. (1902)
- WILLIAM B. ALLISON, 1803 Campus Road, Eagle Rock
Professor of Spanish.
A. B., Washington and Jefferson College, 1890, M. A., 1893. (1922)
- WILLIAM W. ANDERSON, 600 N. Normandie Ave., Los Angeles, Calif.
Athletic Trainer.
A. B., University of Illinois, 1917 (1924)
- WILLIAM GORDON BELL, 5629 Hub Street, Los Angeles
Professor of French.
Ph. B., University of Colorado, 1903, M. A., 1904. (1909)
- FREDERICK LUCIEN BIRD, 2030 Escarpa Drive, Los Angeles.
Professor of Political Science.
A. B., Lafayette College, 1913; M. A., Columbia University, 1921. (1921)
- MIRA S. BIRD, 2030 Escarpa Drive, Los Angeles
Instructor in Dietetics and Public Nursing.
R. N. (Indiana), 1912 (1922)
- REMSEN DU BOIS BIRD, President's House, Campus
President and Professor of Religious Education.
A. B., Lafayette College, 1909; B. D., Princeton Theological Seminary, 1912; D. D., Lafayette College, 1919. (1921)
- WILLIAM GEORGE BONELLI, 2421 Merton Ave., Eagle Rock.
Assistant Professor of Political Science.
A. B., University of Southern California, 1916; M. A., Occidental College, 1924; J. D. Southwestern University, 1925. (1923)
- THOMAS G. BURT, 5323 Aldama Street, Los Angeles
Dean and Professor of Philosophy.
A. B., Hamilton College, 1895, M. A., 1898; Ph. D., Kansas City University, 1901. (1909)
- JOHN F. B. CARRUTHERS, 375 San Gabriel Avenue, Pasadena.
Professor of Religious Education.
A. B., Princeton University, 1912; M. A., 1917; S. T. B., Princeton Theological Seminary, 1917; D. D., Lafayette College, 1924. (1924)
- †ELBERT E. CHANDLER, 1831 Woodrow Ave., Eagle Rock.
Professor of Chemistry.
A. B., William Jewel College, 1891; LL. B., University of Michigan, 1893; Ph. D., University of Chicago, 1906. (1909)
- LOWELL J. CHAWNPR, 765 Summit Avenue, Pasadena.
Registrar and Assistant Professor of Mathematics.
A. B., Occidental College, 1921. (1924)
- JEAN CHRISTIE, 1761 North Fair Oaks Ave., Pasadena
Instructor in French.
A. B., Wellesley College, 1915; M. A., Columbia University, 1916. (1922)
- ANNIE C. CLARK, 3855 S. Flower St., Los Angeles.
Instructor in Mathematics.
Ph. B., Brown University, 1907 (1924)
- WILKIE COLLINS CLARK, 802 S. Ogden Drive, Los Angeles.
Coach of Baseball.
B. S., University of Maine, 1900 (1924)

* The year of first appointment is given after each name.

† On leave of absence.

- ROBERT GLASS CLELAND, 1720 Fletcher Ave., So. Pasadena
Dean of Men and Norman Bridge Professor of Hispanic-
American History.
A. B., Occidental College, 1907; Ph. D., Princeton University, 1912;
(1912)
- ARTHUR M. CLIFFORD, 317 Markham Place, Pasadena
Lecturer in Economics.
A. B., Yale University, 1904. (1923)
- JOHN ADAMS COMSTOCK, 121 East Avenue 44, Los Angeles
Instructor in Zoology.
F. E. S., M. D. (1920)
- ALFRED N. COOK, 2041 Norwalk Ave., Eagle Rock.
Acting Professor of Chemistry.
B. S., Knox College, 1890; Ph. D., University of Wisconsin, 1908.
(1924)
- GEORGE FOX COOK, 1117 West Avenue 54, Los Angeles
Librarian and Professor of Education.
A. B., Baker University, 1893; Ph. D., Little Rock University, 1895.
(1907)
- S. L. CRAWLEY, 1831 Woodrow Avenue, Eagle Rock
Assistant Professor of Psychology.
A. B., Indiana University, 1922; M. A., Columbia, 1923. (1923)
- MARY CARRUTH CUNNINGHAM, 221 W. Avenue 54, Los Angeles
Associate Professor of Art.
M. A., Occidental College, 1909. (1904)
- FRANCIS L. DAUGHERTY, 100 Commonwealth Avenue, Alhambra
Instructor in Physical Education. (1923)
- GEORGE MARTIN DAY, 457 West 7th Street, Claremont.
Professor of Economics and Sociology.
A. B., Hamilton College, 1905; M. A., 1908. (1923)
- CALVIN PARDEE ERDMAN, Hotel Vista del Arroyo, Pasadena
Professor of Biblical Literature.
A. B., Princeton University, 1915, M. A., 1921; S. T. B., Princeton
Theological Seminary, 1921. (1922)
- CALVIN O. ESTERLY, 1481 Campus Road, Los Angeles
Professor of Zoology.
A. B., University of California, 1902, M. A., 1904; Ph. D., Harvard
University, 1907. (1907)
- CLOTILDE G. FISK, 1865 Campus Road, Los Angeles
Instructor in German.
B. L., University of California, 1899. (1921)
- ELLEN GOULD, 4876 La Rota Ave., Los Angeles
Instructor in Speech Education.
A. B., Coe College, 1920 (1924)
- OSGOOD HARDY, 1763 Campus Road
Assistant Professor of History.
A. B., Pomona College, 1910, A. B., Yale University, 1913; M. A.
1919. (1923)
- CAROLINE EMERSON HODGDON, 2117½ La Verna Avenue
Associate Professor of Hygiene and Physical Education.
H. P. E., Wellesley College, 1910. (1923)
- CHARLES F. LINDSLEY, 2127 Ridgeview Ave., Eagle Rock
Professor of Speech Education.
A. B., Ohio State University, 1915; M. A., 1916. (1923)
- HUGH S. LOWTHER, 330 Santa Anita St., San Gabriel
Professor of Latin.
A. B., Syracuse University, 1899; Ph. D., University of Pennsylvania,
1904. (1924)

- DEWEY LYLE, Paso Robles, California
Freshmen Football Coach. (1924)
- CARLYLE FERREN MACINTYRE, 1820 Bushnell Ave., South Pasadena
Assistant Professor of English.
A. B., University of Southern California, 1916, M. A., 1920; Ph. D.,
University of Marburg, 1923. (1924)
- ELIZABETH JOHNSTON MCCLOY, 4444 Glassell Ave., Los Angeles
Assistant Librarian.
A. B., Oberlin College, 1913. (1924)
- FRED F. McLAIN, 2012 Fletcher Ave., South Pasadena
Instructor in Accounting and Graduate Manager.
A. B., Occidental College, 1916. (1921)
- ROBERT GRANT MARTIN, 977 S. Euclid Ave., Pasadena
Professor of English.
A. B., Brown University, 1904; M. A., Harvard University, 1905;
Ph. D., 1910. (1924)
- CHARLES BARCLAY MOORE, 530 West Ave. 54, Los Angeles
Lecturer in Education.
A. B., Wabash College, 1900; M. A., Columbia University, 1902. (1922)
- VIRGIL FRANKLIN MORSE, R. R. Box 316, San Fernando
Assistant Professor of Mathematics and Technical Drawing.
B. S. in E. E., California Institute of Technology, 1914. (1922)
- IRENE T. MYERS, 64 N. Madison St., Pasadena
Dean of Women and Professor of History.
A. B., Bethany College; Ph. D., Yale University. (1917)
- SIDNEY WARREN NICHOLS, 2325 La Verna Ave., Los Angeles
Director of Athletics.
- JOHN PRICE ODELL, 1279 N. Los Robles Ave., Pasadena
Associate Professor of English and Assistant Librarian.
A. B., Northwestern University, 1894, M. A., 1909. (1909)
- JOSEPH A. PIPAL, 4843 Baltimore St., Los Angeles
Professor of Physical Education.
- JULIA A. PIPAL, 4843 Baltimore St., Los Angeles
Adviser to Student Activities.
- CHARLES W. PRESTON, 5118 Royal Drive, Los Angeles
Supervisor of Practice Teaching.
A. B., Colorado College, 1913; M. A., Columbia, 1919. (1923)
- HANSON PUTHUFF, 5261 N. College View Ave., Los Angeles
Instructor in Freehand Drawing. (1924)
- EDMUND H. SAWYER, 214 Sinclair Ave., Glendale
College Physician and Lecturer in Hygiene.
B. S., University of California; M. D., Harvard University, 1908. (1924)
- RAYMOND M. SELLE, 1562 Munson Ave., Los Angeles
Assistant Professor of Zoology.
B. S., Occidental College, 1920; M. A., University of California, 1921. (1923)
- JOHN CUTLER SHEDD, 2303 Colorado Blvd., Eagle Rock
Professor of Physics.
A. B., Princeton University, 1891; M. S., Cornell University, 1892;
Ph. D., University of Wisconsin, 1899. (1916)
- JAMES HUNTLEY SINCLAIR, 763 Oakland Ave., Pasadena
Professor of Education.
B. A., Oxon., 1911, M. A., 1915; Ph. D., Syracuse University, 1916. (1922)

- FRANK J. SMILEY, 1493 Campus Road, Los Angeles
 Professor of Botany and Geology.
 A. B., Stanford University, 1913; M. A., 1914; M. A., Harvard University, 1914; Ph. D., 1917. (1916)
- OKLA E. SMITH, 1068 West 56th St., Los Angeles
 Assistant Director of Athletics.
 LL. B., Drake University, 1923. (1923)
- WINIFRED KELLOGG STEARNS, 626 N. Oxford Ave., Los Angeles
 Instructor in Physical Education for Women.
- BENJAMIN F. STELTER, 2042 Escarpa Drive, Los Angeles
 Professor of English.
 A. B., University of Kansas, 1905; M. A., Yale University, 1909; Ph. D., Cornell University, 1913. (1921)
- WILLIAM S. STEVENSON, 5054 Pasadena Ave., Los Angeles
 Professor of Sociology, Emeritus.
 A. B., College of the City of New York, 1867; LL. D., Occidental College, 1909. (1899)
- GUY A. THOMPSON, 5122 Rockland Ave., Eagle Rock
 Associate Professor of English.
 A. B., University of Illinois, 1898; A. B., Harvard University, 1900; M. A., 1901; Ph. D., University of Chicago, 1912. (1920)
- WILLIAM DENNIS WARD, 1515 Campus Road, Los Angeles
 Professor of Greek.
 A. B., Wabash College, 1881; M. A., 1888; Ph. D., Wooster University, 1898. (1906)
- HENRY NELSON WIEMAN, 1981 Addison Way, Eagle Rock
 Professor of Philosophy.
 A. B., Park College, 1907; Ph. D., Harvard University, 1917. (1917)
- ARTHUR STERLING WILEY, 3906 W. First St., Los Angeles
 Assistant Professor of Romance Languages.
 A. B., Harvard University, 1922. (1922)
- DONALD C. WILLIAMS, Swan Hall
 Instructor in English.
 A. B., Occidental College, 1923; M. A., Harvard University, 1925. (1924)
- THOMAS HOWARD WRIGHT, 2025 S. Vermont Ave., Los Angeles
 Assistant Professor of Philosophy.
 A. B., Transylvania College, 1921; M. A., Columbia University, 1924. (1924)

FACULTY COMMITTEES

1924-1925

ADVISORY: Bird, Burt, Myers, Cleland, Chandler, Stelter, Sinclair.

ADMISSION, CLASSIFICATION, AND SCHEDULE: Chawner, Burt, Cleland, Sinclair, Stelter, Smiley, Chandler, Lowther.

ATHLETICS: Esterly, Hardy, Pipal, McLain, Lindsley, Nichols, Carruthers.

PUBLICATIONS AND CURRICULUM: Stelter, Burt, Chandler, Allen, Wiley, Bird, Hodgdon, Chawner.

RELIGIOUS INTERESTS: Erdman, Carruthers, Wieman, Cunningham, Allison, Day, Mrs. Pipal.

GRADUATE: Sinclair, Bell, Burt, Chawner, Myers, Shedd, Smiley, Stelter.

HEALTH: Chandler, Pipal, Hodgdon, Sawyer, Bird, Allison, Nichols.

CLUBS: Bird, Day, Shedd, Chandler, Mrs. Pipal, Myers, Cleland.

GROUND AND BUILDINGS: Smiley, Bell, McLain, Chandler, Hardy, Martin.

LIBRARY: Cook, Odell, Myers, Chandler, Fisk, Fales, Lowther, Smiley.

LABORATORIES: Shedd, Esterly, Chandler, Smiley, Morse, Selle, Crawley.

RULES AND DISCIPLINE: Burt, Chawner, Cleland, Ward, Lindsley.

SOCIAL LIFE: Myers, Mrs. Pipal, Day, McLain, Thompson, Hodgson, Crawley.

EXTENSION WORK: Burt, Stelter, Myers, Sinclair, Chawner, Cleland.

HISTORY AND ORGANIZATION

CHRONOLOGICAL DEVELOPMENT OF OCCIDENTAL COLLEGE

- 1885—Pastors and laymen of the Presbyterian churches of Los Angeles organized under Rev. William Stewart Young, D. D., for the founding of a Christian institution of higher learning in Los Angeles.
- 1886—"The Presbyterian Ministerial Union," superseding the former organization, requested Rev. Samuel H. Weller, D. D., to outline the plan of the college.
- 1887—On April 20th, "The Occidental College of Los Angeles" was incorporated.
- 1888—Formal opening of institution, September 11th, under presidency of Dr. Samuel H. Weller.
- 1888—McPherron Academy founded 1886, absorbed as part of the College.
- 1892—On July 8th, with other changes in charter, the name of the institution became "The Occidental College of Los Angeles."
- 1893—First degrees granted.
- 1897—Alumni Association organized.
- 1901—School of Music established.
- 1905—Associated Student Body organized.
- 1906—Deanship of Women established.
- 1908—School of Music discontinued.
- 1910—Academy voted discontinued; instruction to close in June, 1912.
- 1910—April 7th, with changes in charter, College became non-sectarian.
- 1910—Occidental Women's Club organized.
- 1911—Graduate Council of Alumni Association organized.
- 1916—President's Advisory Committee established.
- 1918—Federal S.A.T.C. and R.O.T.C. established and continued till 1919.
- 1918—January 4th, Alumni Day established.
- 1918—Pre-technical and Pre-professional courses established in co-operation with other institutions.
- 1921—The granting of the State High School Teachers' Credential in Physical Education authorized by the State Board of Education.
- 1921—April 20th, Founders' Day established.
- 1922—April 7th, women graduates admitted to membership in the American Association of University Women.
- 1922—Graduate School founded.

1922—School of Education founded; granting of California Elementary and High School Teachers' Credentials authorized by the State Board of Education.

1924—January 1st, campaign to add half million to endowment completed, with \$150,000 additional subscribed.

SITES OF THE COLLEGE

In the course of its history Occidental College has occupied three sites. From 1887 to 1896 it was located east of the city limits, on Boyle Heights, between First and Second Streets. On the destruction of its main building by fire, January 13th, of the latter year, sessions were held in the Boyle Heights Presbyterian Church until Commencement, and for two years thereafter in rented quarters on Hill Street between Sixth and Seventh Streets. In 1898 buildings were ready for occupancy on a new site in Highland Park. In time certain features of this location rendered it unsuited to the needs of the rapidly growing institution, and in the summer of 1914 the College was removed to its present campus in Eagle Rock.

SUCCESSION OF PRESIDENTS

Following is the succession of Presidents of the College:

*SAMUEL H. WELLER, D.D., 1887-1891.

*J. M. McPHERRON, A. M., 1891-1894.

*ELBERT N. CONDIT, A. M., 1894-1896.

J. W. PARKHILL, D. D., 1897-1905.

GUY W. WADSWORTH, D. D., 1897-1905.

W. S. YOUNG, D. D. (Acting), 1905-1906.

JOHN WILLIS BAER, Litt. D., LL. D., 1906-1916.

THOMAS G. BURT, Ph. D. (Acting), 1916-1917.

SILAS EVANS, D. D., LL. D., 1917-1920.

THOMAS G. BURT, Ph. D. (Acting), 1920-1921.

REMSEN DU BOIS BIRD, D. D., 1921—

*Deceased.

GOVERNMENT OF THE COLLEGE

By the Articles of Incorporation the government of Occidental College is committed to a self-perpetuating Board of Trustees, in voluntary association for maintaining the Corporation under the laws of the State of California. The Board consists of twenty members, four of whom are elected annually to serve for a period of five years. The Trustees must be citizens of the United States, members of an evangelical church, and a majority residents of Cali-

ifornia. They are empowered "to receive and to hold real and personal property; to erect buildings, established and maintained for educational purposes, with all power necessary to maintain and conduct a non-sectarian college of Liberal Arts and Natural Sciences; to grant such literary honors as are usually granted by any college of learning in the United States, and to give suitable diplomas under seal and signature of such officers of the College as shall be deemed expedient."

The Board elects administrative, instructional, and other officers and determines the general policies of management and control. The Articles of Incorporation provide that "the teaching and management of the College shall always be in accord with that of the evangelical Christian churches concerning fundamental doctrines of Christianity."

The President, with the aid of the administrative officers and faculty, has power and authority in all the general administrative functions within the College.

The President's Advisory Committee was recognized in 1918 as an integral part of the Administration. It is composed of the Dean, the Dean of Men, the Dean of Women, and three faculty members elected by the faculty. Executive acts relating to faculty position and tenure of office are submitted by the President to the Advisory Committee.

The Dean of the College, as an administrative officer, assists the President, is a member of his Advisory Committee, supervises registration, and in general has charge of all matters pertaining to the interests of students.

The Dean of Men and the Dean of Women, as administrative officers and members of the President's Advisory Committee, are respectively concerned with all matters pertaining to the interests of men and women in the College, including a general supervision of their boarding and housing conditions and of their social life. Each also acts in an advisory capacity regarding the general and personal plans and activities of men and women students.

The President appoints the Standing Committees of the Faculty, which administer for the faculty within their various provinces.

The department faculties offer such courses as have been approved by the proper faculty committee, have direction of the work of instruction, and through the heads administer the affairs of the departments.

LOCATION

Occidental College is situated in the northern suburbs of Los Angeles, the metropolitan educational and cultural center of the Pacific Southwest. Its location affords the College exceptional opportunities of contact with representative national culture. Particularly is this true in regard to the arts, social sciences, religious education, and humanities in general. Several libraries and museums, containing collections of great scientific interest and value are located in and about the city. Among these are the Huntington Library, with its world-famous collections of rare volumes; the Los Angeles Public Library of over six hundred thousand volumes; the Southwest Museum, containing a remarkable collection of early California and old Spanish records; the Otis Memorial Art Institute; the Clark Astronomical Museum; and the Art Museum and State Exhibit at Exposition Park. Within a few miles of the College are the Mt. Lowe and Mt. Wilson Astronomical Observatories. Los Angeles is well known as an artistic center in musical, dramatic, and graphic arts. Numerous exhibitions and concerts are held in the city annually; it is visited by all leading dramatic productions; its frequent conventions bring state and national discussion of political, social, and religious interests; its religious institutions afford opportunity for a rich and liberal spiritual education; a number of men, nationally and internationally famous, may be heard in the city annually.

THE COLLEGE CAMPUS is in proximity to these interests, yet sufficiently removed from city distractions. The Campus is composed of nearly a hundred acres, resembling in shape a roughly drawn semicircle. Low hills mark its diameter, while the curved portion includes a considerable section of valley. One of its charms, as seen from its highest point, is its diversity. Above its hills rise the Sierra Madre Mountains, including Mt. Lowe and Mt. Wilson. In two other directions the sky line is broken by Verdugo and Santa Monica ranges. A lower area toward the southwest gives direct access to the sea breeze, which purifies and tempers the atmosphere.

The average mean temperature of the locality for the months in which the College is in session is sixty degrees, with an average variation of ten degrees. The average rainfall, confined chiefly to the months from December to March, inclusive, is normally about sixteen inches.

The Campus adapts itself well to its usages. On a convenient slope appears the general contour of a natural open-air theatre, for

the development of which gifts are forthcoming. Below this is a native grove of wide-spreading live oaks. A considerable sum has recently been provided for ornamentation of the Campus as eminent landscape artists may direct.

THE QUADRANGLE, outlined by the buildings of the College, is located at the foot of the hills which form the eastern boundary of the Campus. During the year 1922 its landscape gardening was greatly improved through the generosity of Mr. William Meade Orr, of Alhambra.

THE GATE marking the entrance to the ornamental drive through which the Campus is approached, is also the gift of Mr. Orr.

BUILDINGS AND EQUIPMENT

JOHNSON HALL, OF LETERS and FOWLER HALL, OF SCIENCE form the principal unit of the upper or east side of the main quadrangle. Their characteristic design, after the style of the Italian Renaissance, sets a general architectural plan for all the permanent buildings of the Campus. Their structural frame is of reinforced concrete, the exterior being finished in white stucco with stone trimmings. Both are strictly fireproof. The former is the gift of Mr. and Mrs. O. T. Johnson, of Los Angeles, who are credited with various other generousities to the College. The latter, a memorial to Mr. Eldridge M. Fowler, of Pasadena, was erected by his daughter and granddaughter.

In Johnson Hall, on the first floor, are located the Administrative offices, the College Post Office and the Students' Co-operative Book Store. In the south end of the building is a Chapel of the Old English type, known as Alumni Hall. The remainder of the building is devoted to lecture and class rooms and the offices for various departments of instruction in the liberal arts.

Fowler Hall provides commodious, well arranged quarters for the departments of natural sciences. The laboratories incorporate the usual facilities and adequate modern apparatus demanded for demonstration and experiment. Part of the first floor is occupied by Y. W. C. A. Hall and the social room for women, Y. M. C. A. quarters and locker rooms for men.

THE UPPER QUADRANGLE, an ornamental terrace which separates these buildings, is approached by broad flights of concrete steps, while from the terrace itself similar steps lead to the second floor of either building.

THE LIBRARY, at the south side of the quadrangle, is an anonymous gift in memory of Mrs. Mary Norton Clapp, wife of E. P. Clapp, of

the Board of Trustees. It was completed in March, 1924, at a cost of one hundred and fifty thousand dollars.

Through the generosity of Mr. David B. and Mrs. Mary H. Gamble, of Pasadena, the College has been provided with a special endowment fund of fifty thousand dollars, the income of which is devoted to the purchase of books for the library, which at present contains twenty-five thousand volumes. Magazines, in file and current numbers, are also available. The advantages of the Los Angeles Public Library, containing over six hundred thousand volumes, are available to all members of the College.

JAMES SWAN HALL, at the west side of the quadrangle, is a dormitory for men, erected by Mrs. Frances B. Swan, of Pasadena, as a tribute to her husband. On the ground floor is a large club room, well-furnished with open fire-place and home-like appointments. Special features of the dormitory are the sleeping balconies on the top floor and the shower baths throughout the building. Of strictly fireproof, modern construction, the Hall provides comfortable living quarters for men students at a reasonable cost.

ORR HALL, the first unit of the group of residences given by Mr. William Meade Orr in memory of Bertha Harton Orr, will be open to women students in September, 1925.

It offers home-like living quarters, with modern equipment, to sixty students and to the Head Resident. It has hospitable living-rooms, tubs and shower baths and kitchenettes on each floor, and a laundry and storage room in the basement.

It is in general harmony with the permanent campus buildings, but its sunny arcades and garden and picturesque galleries and low tower give it an individual charm.

THE COMMONS, located at the north of the quadrangle, furnishes accommodations adequate for the providing to the entire college of wholesome food at moderate cost.

THE WOMEN'S GYMNASIUM, north of Johnson Hall, was completed in 1922. It contains rooms for examination and clinic, offices for the administration of the department of Physical Education and Hygiene for Women, locker rooms, hot and cold baths, indoor and outdoor courts, modern apparatus, and other equipment required for training in physical education. The large indoor court provides ample space for mass drill or for assembly in an auditorium with capacity of five hundred.

PRESIDENT'S HOUSE, among the oaks at the north end of the campus, was completed in 1922.

THE GREEK THEATRE: The first unit of this structure, designed to seat five thousand, is under construction at a cost of thirty thousand dollars, the gift of Eagle Rock Community, of Mr. Alphonzo E. Bell, and of other friends of the College.

THE W. C. PATTERSON STADIUM AND ATHLETIC FIELD, named in honor of a friend of the College, for years one of its trustees, was erected by Mrs. Patterson. The concrete bleachers at either side of the athletic field, with the covered grandstand at the north end, have a combined seating capacity of seven thousand five hundred. In connection with these structures, dressing rooms, lockers, and shower baths are provided. The enclosed athletic field provides turf football field, baseball diamond, tracks, and other equipment and facilities ample for physical training and outdoor sports.

THE TENNIS COURTS are the gift of Mr. A. E. Bell, a member of the first graduating class of the College and of the Board of Trustees.

THE HEATING PLANT, centrally located, supplies steam heat in modern equipment for all the buildings.

ORGANIZATION OF CURRICULA

Occidental is distinctly a college of the Liberal Arts and Sciences. It offers instruction in the following curricula:

1—LIBERAL ARTS AND SCIENCES, leading to the degree of Bachelor of Arts.

2—GRADUATE COURSES in Liberal Arts and Sciences, leading to the degree of Master of Arts.

3—PROFESSIONAL COURSES, undergraduate and graduate, leading to the certification of teachers for all divisions of the elementary and secondary schools of the State of California.

4—PREPARATORY TECHNICAL AND PROFESSIONAL undergraduate courses, which are Pre-Engineering, Pre-Legal, Pre-Library, Pre-Medical, and a College-Hospital Course, all leading to the degree of Bachelor of Arts in Occidental College. Each course requires the completion of senior standing and of one year in an accepted institution for which the student prepared, except in the case of the College-Hospital Course, which leads to the degree and fulfillment of the requirements for registration under the State Nurses' Registration Act on completion of senior standing and two years in the Pasadena Hospital.

ADMISSION TO THE COLLEGE

Application forms for admission of candidates from other institutions, and recommendation blanks for applicants from preparatory schools, will be furnished upon request by the Chairman of the Committee on Admission. Since the admission of freshmen is limited, application may be made a year or more in advance of entrance. Failure to comply with the regulations may be regarded as withdrawal of the application. An applicant must be at least sixteen years of age at the time of entrance.

TUITION FEE DEPOSIT

Each application for admission must be accompanied by a deposit of twenty-five dollars on the tuition fee of the first semester before an applicant is placed on the accepted list. Fifteen dollars of this sum will be returned in case of withdrawal before September first. After that date no refund will be made.

LIMITED FRESHMAN ENROLLMENT

For the year 1925-26, the registration of freshmen will be limited. A number of candidates will be placed upon the accepted list in the order of their application. When this limited list is closed, all applicants will be received on a competitive basis, the Committee on Admission reserving the right to select those whose record and personality indicate them best qualified to profit by the opportunities which the College affords. Preference will also be given to those who signify their intention of continuing at Occidental through the entire four-year course.

ENTRANCE REQUIREMENTS

Admission to Occidental College without examination is granted to certified graduates of preparatory schools who meet the following requirements:

1—The school must be accredited by the College.

For the high schools of the State the accepted standard of accreditation is set by the State Board of Education, which by a resolution directs that "all public high school curricula in California require for graduation after July 1, 1920, the following: English, 2 units; United States History and Civics, 1 unit; laboratory science, 1 unit; and all such curricula must be so organized as to include

two majors of at least 3 units each—a major consisting of three years of study in one of the following groups: (1) English (in vocational courses 1 unit of citizenship may be included with 2 units of English to make one major); (2) mathematics, including mechanical drawing; (3) history and social sciences; (4) physical and biological sciences; (5) foreign languages—3 or more units in one language, or two units in each of two languages.”

For schools outside of California, the lists of standards accrediting boards and associations and of the different state universities will be consulted; or the equivalent of the California requirements will be determined by the faculty Committee on Admission.

2—The applicant must present a minimum of fifteen entrance units, at least twelve of which must of recommended grade.

Each entrance unit represents preparatory work in an accredited school in one subject during a year of thirty-six to forty weeks, with daily recitations of not less than forty-five minutes each, or double this amount of time in the laboratory.

3—The fifteen units offered for entrance must include:

English	2 units
A Foreign Language.....	2 units
United States History and Civics.....	1 unit
A Laboratory Science.....	1 unit
(Chosen from 3a, b, c, d, e, f of Admission Subjects.)	
Algebra	1 unit
Geometry	1 unit
Electives	7 units
(Not more than three from subjects 7, 8, 9, 10, 11, 12	
13 on the list of Admission Subjects.)	

For the year 1925-26 applicants who otherwise qualify but are deficient either in one of the two units required in mathematics or in those in foreign language, may be accepted provisionally. Such deficiencies must be removed during the student's first year in college, the removal taking precedence over his college work. The College makes no provision of classes, however, in such work in mathematics. Language deficiencies may be met through college courses, for which additional fees will be charged.

4—Each applicant must be personally recommended by the principal of the school as fit to be admitted into the College by reason of his ability and scholarship, his seriousness of purpose, and his moral character.

This statement is included in the recommendation blank furnished by the College, which must be filled out with the candidate's record and other desired information, and signed by the principal.

ADMISSION BY EXAMINATION

The following classes of applicants may qualify for entrance by examination:

1—A graduate of an accredited school with recommended credits in less than the required twelve recommended units may enter by passing satisfactory examinations in a sufficient number of credits to meet the requirements. Normally, however, recent graduates of accredited high schools shall not be eligible for these examinations.

2—A graduate of a preparatory school not accredited, who is strongly recommended by the principal of his school, will be admitted upon passing satisfactory examinations in such subjects as will meet the entrance requirements of the College.

3—Any applicant may be admitted by passing satisfactory examinations in all subjects constituting a standard high school course necessary for entrance. The arrangement of subjects to be presented may be made with advice of the Chairman of the Committee on Admission. The subjects required will depend upon the applicant's maturity, previous training, and proposed course of study in the College.

Application for admission on less than twelve units will not be considered.

Laboratory notebooks must be presented at the time of examination by applicants who take entrance examinations in science.

A statement, bearing the signature of some responsible person, that the candidate is morally and intellectually fit to be admitted to the College, must accompany each application for admission by examination.

TIME AND PLACE OF ENTRANCE EXAMINATIONS

Entrance examinations may be taken at the College on fixed dates set for that purpose during the week preceeding the beginning of each semester. Application for such examinations must be in the hands of the Chairman of the Committee on Admission by September 2 for the first semester and by January 15 for the second semester. A fee of one dollar is charged for each examination in each subject.

Partial or complete certification by examination may be presented

in official reports of successful examinations taken under the direction of the College Entrance Examination Board, which holds its examinations usually in June in Los Angeles and in various localities throughout the United States. Requests for information regarding these examinations must be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y.; and application to take the same must be made on a form provided upon request by the Secretary of the Board. Requirements in the various subjects in which examinations are held may be had in Document 114 (price twenty cents), issued by the Secretary of the Board.

ADMISSION SUBJECTS

A list of admission subjects, with the amount of matriculation credit allowed in each, is given below. For a description of these preparatory subjects reference should be made to the announcement of the College Entrance Examination Board mentioned above. Subjects for which equivalent courses are offered in the College are marked with the dagger. Descriptions of these may be found in the announcements of Courses of Instruction.

No.		Units			
1a	English, elem.	2	†5b ⁴	Latin, adv., 4th yr.	1
1b	English, adv. I.	1	†5c ¹	French, elem., 1 yr. of 5c ²	1
1c	English, adv. II.	1	†5c ²	French elem.	2
2a	Algebra, elem.	1	†5c ³	French, intermed.	1
2b ¹	Algebraic Theory, I.	½	†5c ⁴	French, adv.	1
2b ²	Algebraic Theory, II.	½	5d ¹	German, elem., 1 yr. of 5d ²	1
2c	Plane Geometry	1	†5d ²	German, elem.	2
2d	Solid Geometry	½	†5d ³	German, intermed	1
†2e	Plane Trigonometry	½	†5d ⁴	German, adv.	1
†2f	Plane Analytic Geometry	½	5e ¹	Spanish, elem., 1 yr. of 5e ²	1
3a	Physics	1	†5e ²	Spanish, elem.	2
3b	Chemistry	1	†5e ³	Spanish, intermed	1
3c	Physiology and Hygiene	1	†5e ⁴	Spanish, adv.	1
3d	Botany	1	†6a	Freehand Drawing	1
3e	Zoology	1	†6b	Geometrical Drawing	1
3f	Biology	1	7	Mechanical Arts	½-3
3g	Physical Geography	1	8	Agriculture	½-3
3h	Physical Science	1	9abc	Home Economics	½-3
4a	History and Gov. of the U. S.	1	10a	Music, Sight Singing and Dictation	1
4b	History, Ancient	1	10b	Music, Elements of Composition	1
4c	History, Med. and Mod.	1	10c	Music, Instrumental and Vocal Technique	1
4d	History, English	1	10d	Music, History of Modern European Music	1
†5a ²	Greek, elem.	1	11	Bookkeeping	1
†5a ²	Attic Prose	2	12	Stenography and Typewriting	½
†5a ³	Attic Prose, adv.	1½	13	Military Science and Tactics	½
†5a ⁴	Homer	1½			
5b ¹	Latin, elem., 1st yr	1			
5b ²	Latin, elem., 2d yr	2			
†5b ²	Latin, adv., 3d yr	1			

GENERAL REGULATIONS

REGISTRATION

On or before the appointed registration days of each semester, each student must obtain in person a certificate of registration at the office of the Registrar. This certificate must show the study-list of courses for which the student proposes to enroll, approved by a faculty adviser or major professor and signed by the Registrar. The certificate must also be signed by the Business Manager, showing that all college bills for the semester are met or arranged for at the time of registration.

Students previously matriculated who delay registration beyond the first Friday of the semester, will be charged a special fee of one dollar. Registration for full-time work will not be permitted later than three weeks after the beginning of instruction.

STUDY-LISTS

Each student at the time of registration must select with the signed approval of the official adviser the course of study which he intends to pursue. All work for which college credit is desired must appear on the study-list. No student will be admitted to any classes or exercises of the college except as authorized by the certificate of registration and the study-lists of the student. It is expected that a student's study-list shall include all required work appropriate to the year of his course.

Lower division and special students may be advised by any member of the Committee on Registration. Upper division students must consult their major departments. Any special student or student in the lower division may, however, select the department in which he is chiefly interested or intends to do major work, and seek advice from this proposed major department. Students are advised to follow this plan, in order that they may have proper advice regarding the prerequisites and the nature and affiliations of their major interests.

Students contemplating work for a teacher's credential must consult the head of the School of Education on beginning the work of the upper division in order that requirements may be properly met.

AMOUNT OF WORK

The work of the College curriculum is measured in terms of "units." One unit is understood to represent one semester hour or

one hour a week in the classroom throughout a semester, three hours ordinarily counting as one when devoted to laboratory or field work. Each unit of credit represents, for the average student, three hours of actual work each week throughout the semester; as one hour of recitation or lecture, and two of preparation of subsequent reading, or equivalent amount of work in the laboratory.

Twelve units of work per semester, exclusive of the required units in physical education, is the minimum and eighteen the maximum for which any student will be allowed to register for credit. During his first semester in the College, the maximum for any student, exclusive of required physical education, is seventeen units. Subsequently a student whose average scholarship in any semester falls below 3, or whose record shows an "incomplete," "condition," or "failure," will be limited to fifteen units or less in the following semester. In general it is advised that in the lower division a student's program should average sixteen units per semester, exclusive of required work in physical education, and in the upper division, fifteen units.

Permission to register for less than twelve units or for more than eighteen must be sought of the proper faculty committee on formal petition through the office of the Dean. These requests will be granted only on urgent reasons and sound bases. In general such petitions are discouraged by the Committee.

CHANGES IN STUDY-LISTS

During the first week of a semester a student may change his study-list by addition, substitution, or discontinuance of courses with the consent of his adviser and the Registrar. Subsequent changes may be made only on petition to the proper committee through the office of the Registrar. Such petitions must have the approval of the major department or the faculty adviser and the instructors concerned. No course can be discontinued after the first six weeks of the semester. A course discontinued in other than the regular manner will be recorded as a failure.

A fee of one dollar is charged for each change in a study-list after the first Friday of the semester, and a fee of two dollars for the discontinuance of a course after the close of the second week of the semester.

FAILURE TO FILE STUDY-LISTS

After the first Friday of the semester a fee of one dollar will be charged for late filing of a study-list with the Registrar. Any

student who fails to file his study-list is not properly enrolled and may be denied all credit for the semester's work.

ADVANCED STANDING

Students from other institutions of recognized collegiate rank and from well-established junior colleges will be admitted to such advanced standing as the faculty Committee on Classification may find just and equitable. Advanced standing will be granted only on the basis of official transcript of records showing in detail the work completed in other institutions and the basis upon which the applicant was matriculated, accompanied by a letter of honorable dismissal.

Early graduates of the State Normal Schools, who are also graduates of accredited high schools, may enter the College with a credit of thirty-two units and exemption from certain prescribed lower division work in physical education and hygiene. Forty-eight unadjusted units will be allowed when the applicant in one semester's work can complete the subject requirements for the junior certificate. Beginning with the 1921 graduating classes of California teacher's colleges, this advanced credit may be increased to sixty units for two years' work, or more for three years' work, whenever the courses completed in the teachers' college have been substantially the equivalent of the work of the College. Credentials of graduates of teachers' colleges of other states are similarly evaluated. Should such students become candidates for the California High School Teacher's Credential they may be exempt from an additional one-half year of residence work required beyond the bachelor's degree.

In exceptional cases, permission may be given by the proper faculty committee to receive credit on examination for work equivalent to regular college courses, though not completed in an institution of recognized collegiate rank. Such examinations will cover the work as given in the College. Formal application for such examinations, with satisfactory evidence of the work completed, must be presented to the Registrar. No college credit toward graduation is given for excess entrance units.

The amount of credit accepted on transcript will be limited for each semester to the amount allowed under the rules of Occidental College. In no case will advanced standing be granted beyond one hundred units. Applicants must in all cases meet the scholarship requirements of the College, and must fulfill the entrance, junior certificate, and graduation requirements before they will be recommended for the degree.

Advanced standing granted either on transcript of credits or on examination is provisional during the first semester of residence.

Students already admitted to the College should consult the Registrar or the major department before undertaking summer session work. Not more than six units from any one summer session of six weeks will be credited toward the degree, either in the case of regular students or of those transferring from other institutions.

SPECIAL STUDENTS

Persons of maturity, giving evidence of unusual ability, whose preparation does not qualify them for regular entrance to the College, are sometimes admitted as special students, not candidates for the degree. As such, they are subject to the same regulations as properly matriculated students, though they are permitted to enroll only in such courses as they seem prepared to undertake. On withdrawing from the College they will be granted certificates showing the work completed. They may become candidates for the degree at any time by meeting all the entrance and college requirements.

A recent graduate of an accredited high school is not admitted as a special student. Such applicants must qualify for matriculation under the usual rules. On being regularly admitted, the student may, for sufficient reasons, be allowed to choose an elective or limited course of study; and upon special petition he may be excused from requirements in physical education and hygiene, provided he is not a candidate for the degree. He may subsequently become a candidate for the degree by meeting all the college requirements.

MATRICULATION DEFERRED

No student will be fully matriculated until he has successfully completed one semester at the College with a satisfactory record in scholarship. At the end of that time his record will be reviewed and his status determined in accordance with the rules governing scholarship.

DISCIPLINE

Students are admitted to the College on recommendation as to their moral fitness, and the College expects all students to set and observe among themselves a proper standard of conduct, both within and without the College. Any student who violates the codes of common morality, honor, or good citizenship, or who refuses to abide by the regulations of the College, will be judged in the light of circumstances and given such penalty as the case may

merit, ranging from admonition to expulsion. The College also reserves the right, without naming specific charges, to exclude from its privileges any student whose presence, in the judgment of the faculty and the administrative officers, has proved to be undesirable.

The Honor System in work and examinations has been voluntarily adopted by the students of Occidental, and a system of student self-government exercises certain functions within the student body. An Honor Court, composed of the President of the student body and six other upperclass students, undertakes with the cooperation of the College authorities to maintain the spirit of honor and the good name of the College. To this Court the President of the College may refer cases of student delinquency, especially those of dishonesty in work and examinations; or any student or instructor may bring such cases to the notice of the Court. The findings of the Court and its recommendations to the President of the College and the Committee on Rules and Discipline are ordinarily confirmed and voted as College judgments.

HEALTH SUPERVISION

The College exercises advisory supervision over the health of its students through its department of Physical Education and the office of the College Physician, Edmund H Sawyer, M.D., who will render services to the students free of charge under the following specifications:

1—Each student will be given a thorough medical examination at the beginning of each year, and upon request may receive a written statement of his physical condition.

2—Consultation and treatment of minor ailments and emergencies will be given on the College campus daily during regular office hours, from 9:00 to 10:00 a.m., excepting Saturday and Sunday. Members of the athletic teams will receive free treatment for minor ailments upon a schedule prearranged by the coach.

3—Four lectures for men and four for women on the subject of hygiene will be delivered each year, attendance upon which is required of all students in the College.

4—Service rendered outside of that specified above will be charged for at a liberal discount, and the account will be settled through the physician's college office.

Under the departments of Physical Education will be found statements of the work in these departments.

SCHOLASTIC REGULATIONS

EXAMINATIONS

Examinations are held regularly at the close of each semester and the standing of students for the entire course is reported to the Registrar. Mid-semester examinations may also be required as a partial basis for mid-semester reports. Failure to take or to pass any regular, mid-semester, or other course examination will result in such deficiencies and disqualification as instructors may impose. These can be removed by examination on a date set by the faculty in each semester, or by a special examination, for which a fee of one dollar is charged. A like fee is charged for any similar special examination which any deficiency of a student's course may necessitate.

SCHOLARSHIP GRADES

Results of examinations, semester reports, and the general average of the scholastic standing of a student in his entire course are indicated by the following system of grades:

PASSING: 1, excellent; 2, good; 3, fair; 4, barely passing.

NOT PASSING: Incomplete (Inc.), indicating that while the work done is of passing grade, yet portions remain unfinished due to illness or similar unavoidable causes, not the fault of the student. This mark is not given when work has been neglected. It may be removed in such manner as the instructor may determine.

Condition (Con.), indicating that work is not of passing grade. It may be removed by an examination covering the work involved.

Failure (F.), to be removed by repetition of the course.

An "incomplete" or a "condition" becomes a "failure" if not removed within one year of the date on which it was incurred.

DISTRIBUTION OF GRADES

In the general practice of the members of the faculty, the distribution of grades depends upon the size, quality, and advancement in the curriculum of the classes, and admits of flexibility. It is normally considered that 1 is applicable to five to fifteen per cent, 2 and 3 to thirty-five to fifty per cent, and 4 to five to fifteen per cent of students of passing grade.

AVERAGE GRADE

The average grade maintained by each student in each semester, and for his entire course, becomes a part of his permanent record.

In determining the average grade of a student's work, the number of units of credit in each course on the student's study-list is multiplied by the grade for that course, and the sum of the products thus obtained is divided by the total number of units. In thus estimating, a "condition," "incomplete," or "failure" is counted as five.

SCHOLARSHIP REQUIREMENTS

Mid-semester reports on the work of students are required of all instructors, and students are notified of their standing. Final semester reports are sent to all students. Parents or guardians will be notified when the student's scholarship is seriously delinquent.

A minimum average grade of 3 is required in the work of the lower division before a student can be granted the junior certificate, and in the upper division, as well as in his entire course, before he can be graduated.

Any student whose average scholarship in any semester is below grade 3 is placed on probation and he must limit his program of studies to fifteen units or less in a following semester. If he then fails to attain an average grade of 3, he may be disqualified from further attendance at the College. Any student who in any semester fails to pass in ten units of work, is similarly disqualified.

All first disqualifications are for one semester, during which time a student's record will not be transferred with honorable dismissal. A second disqualification is permanent. All disqualifications become a part of a student's permanent record.

When extenuating circumstances such as prolonged illness account for a student's disqualification, he may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester, and longer if his average grade during such time is not below 3.

The rules regarding scholastic standing in a major subject are stated under the regulations governing majors and minors.

ATTENDANCE, LEAVE OF ABSENCE, HONORABLE DISMISSAL

The College requires regular attendance of all students at the Chapel services and College Assemblies and at all classes for which they are registered. A copy of the rules governing attendance may be obtained from the Dean. These rules allow for a limited number of absences, but do not relieve the student from completing any of the work of the courses. In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing his work without such formal leave, may lose his privileges of registration and forfeit his right to a clear transcript of credits. A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

On petition to the proper committee, honorable dismissal, with rights of transcript of credit, will be granted a student in good standing who voluntarily is severing his connection with the College. For such withdrawal, a student under twenty-one years of age must present a letter of explanation from parent, guardian, or physician.

TRANSCRIPT OF CREDIT

A graduate of the College or a student in good standing, or one who was in good standing at the time of his withdrawal from the College, may receive an official transcript of credit and accompanying letter of honorable dismissal upon request and the payment of a fee of one dollar.

CLASSIFICATION OF STUDENTS

The class in which a student is to be ranked is determined at the beginning of the college year on the basis of the following scale of credits:

FRESHMAN: Fifteen entrance units, twelve of which are of recommended grade, which fully meet the entrance requirements.

SOPHOMORE: Thirty units of college credit; but sophomore standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to complete the lower division by the end of the year.

JUNIOR: Sixty-four units of college credit and the completion of all other requirements for the junior certificate.

SENIOR: Ninety-four units of college credit in lower and upper

division courses; but senior standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to be graduated at the end of the year.

HONORS

GENERAL

On Commencement Day honors in scholarship are awarded to those students whose records qualify them for such distinction. **FIRST HONORS** are awarded on the basis of a minimum average grade of 1.3; **SECOND HONORS**, on a minimum average grade of 1.6. Both apply to the work of any year or to the entire course of any student.

CLASS HONORS are awarded to each member of any of the four classes, or to any graduate student, whose record for the year meets the requirements. For eligibility to Class Honors a student must maintain a record which shows at the end of the year: (1) no failures or unremoved incompletes or conditions; (2) at least twenty-four units of college credit earned during the year; (3) acquisition of rank in the next class.

FINAL HONORS are awarded to each member of the graduating class who has won Class Honors each of the four years of his course, or whose average for the four years equals the average required for Class Honors. A student from another institution, entering Occidental not later than the beginning of the junior year, will be eligible to Final Honors, provided in the judgment of the Committee on Classification his record for the preceding part of his course equals the qualifying standard. A graduate student who is a candidate for the degree of Master of Arts is eligible to Final Honors provided his undergraduate record is of qualifying standard.

DEPARTMENT HONORS may be awarded to any member of a graduating class who has maintained an average of 1.3 in twenty-four units of upper division work, either in the major department alone or in the major and minor departments combined. The heads of departments concerned have the privilege of naming the courses to be pursued, and of requiring such additional work as desired. Eligibility for Department Honors is based on a general average not lower than 2.5 in the work of the candidate's entire college

course. The head of a department in which honors are sought must be notified not later than the beginning of the second semester of the candidate's junior year.

THE HONOR SOCIETY

The Honor Society, founded by members of Phi Beta Kappa, each year elects to membership senior students of high standing on a basis similar to that of the national organization. Graduate students are also eligible to membership.

VALEDICTORY AND SALUTARY

The rank of Valedictorian is awarded to that member of each graduating class who stands highest in scholarship average for the entire course.

The rank of Salutatorian is awarded to that member of each graduating class who stands second in scholarship average for the entire course.

Students from other institutions entering Occidental later than the beginning of the junior year are not eligible to these honors.

In addition to the Valedictorian and Salutatorian, each graduating class elects two other commencement speakers, usually from those students who have attained or most nearly attained Final Honors.

FEES, EXPENSES, AND AIDS TO STUDENTS

COLLEGE BILLS

The tuition and fees of the following schedules are required of all students granted admission to the College. The Board of Trustees of the College reserves the right to change, without notice, any of the rates herein printed.

GENERAL

Tuition, each semester.....	\$112.50
Student Activities, each semester.....	5.00
Graduation Fee, Bachelor of Arts.....	5.00
Graduation Fee, Master of Arts.....	10.00
Graduation Fee, Pre-technical Courses.....	50.00
Extension Fees, per unit.....	6.00

LABORATORY AND COURSE FEES

Students enrolled in laboratory courses are charged a laboratory fee of two dollars per unit of credit, except in the department of Chemistry, in which the fee is five dollars per semester hour, not to exceed \$10.00 for any course.

A breakage deposit of \$5.00 is required for each laboratory course in Chemistry for which a student is registered. The balance remaining at the end of the course will be returned.

In the department of Physical Education for Women, a fee of two dollars per course is required for enrollment in any of the courses numbered from 1 to 8.

SPECIAL

Late or changed registration.....	\$1.00
Late filing of study-list.....	1.00
Discontinuance of course after second week.....	2.00
Examination at irregular time.....	1.00
Duplicate transcript of record.....	1.00

REGULATIONS

All college bills are payable in advance. Those of the first semester must be paid or satisfactorily arranged for by November 1st, and those of the second semester by March 1st. Students who fail to meet these conditions will not be admitted to classes after these dates. Before a student may register for a new semester all his bills for the preceding semester must be paid.

No student will be granted a diploma, or transcript of record to be used in transferring to another institution, until all his college bills have been paid in full.

No payments will be refunded for students who are dismissed or suspended or who leave college for any reason other than illness necessitating absence for more than half a semester. Refund will not be made for more than half such period of absence.

AVERAGE EXPENSES

For information concerning the College dormitories, see page 114, the Commons, page 116, College Bills, page 38. Lodgings may be had in the immediate vicinity of the College at prices ranging from four dollars a week upwards. A list of approved boarding and rooming places may be obtained at the offices of the Dean of Men and the Dean of Women.

A report issued by the American Association of University Women on expenses of students in over one hundred colleges, shows those for Occidental to be at the median of about six hundred and fifty dollars per year. This sum fairly represents for all students an estimate of average expenses.

STUDENT AIDS

SELF-SUPPORT

To assist and encourage both men and women students who must earn a part of their expenses while in college, organizations are maintained which undertake to discover and list opportunities of remunerative employment. Men students desiring employment should register with the Self-Help Committee of the Y. M. C. A.; women students should apply for information and advice at the office of the Dean of Women.

No responsibility can be assumed for supplying work, but plans can often be suggested through which students of initiative and industry may earn part of their expenses while in college. Only in rare instances can students be entirely self-supporting; nor should a student undertake to earn a larger part of his expenses than is absolutely necessary. A first-year student in particular will need time to adjust himself to college work, to systematize his time, and to discover opportunities of readiest casual work or to find regular employment which will not seriously interfere with his main object of securing an education. When the student has become oriented in his surroundings and his college work, he may, with

due diligence, devote twelve to twenty-four hours per week to outside work and still carry a program of from twelve to fifteen units of studies. It should be borne in mind, however, that these in themselves involve thirty-six to forty-five hours per week.

A student who wishes to earn part of his expenses will do well, therefore, to enroll for a program rather lighter than the average; he should attempt to find employment prior to the opening of college; or failing in this, should enter with a reserve fund sufficient to carry him through the first months. Due to the proximity of the campus to the city, opportunities for employment will not be lacking. Moreover, the schedule of classes often enables a student to order his time advantageously to outside work; for he may arrange his program of studies so that his afternoons are comparatively free, or that one or two days of the school week may be given over entirely to employment.

Self-supporting students are respected. Not a few of Occidental's graduates, including some of her most creditable representatives, earned a major portion of their expenses while in college. Self-maintaining students, whose scholarship standing is high, are given preference in awarding scholarships; and statistics in general would show that students of initiative and industry in self-support hold scholarship records well above the average.

SCHOLARSHIPS

Scholarships are intended as aids to students of high merit, as proved by previous attainments, who are chiefly dependent upon their own efforts in securing a college education.

A limited number of College scholarships are annually available to advanced students of highest standing in their major subjects, who act as readers or assistants, or in other capacities which are of distinct educational advantage in their major departments. These scholarships range in value from one-half to full tuition. They are usually awarded on nomination from the department concerned. Students may make application for these scholarships to heads of departments or to the Dean.

Additional scholarships are awarded for the relief of deserving students who are unable to pay tuition. The beneficiary is, in some instances, named by the donor; otherwise, by the Administration. A candidate for one of these scholarships must meet the following conditions:

1—Endorsement of application by some person of recognized standing in his home community.

2—Agreement to the understanding that he intends to complete his course at Occidental College.

3—Maintenance of creditable standing in his scholarship and in the College, with general demonstration that the assistance has been worthily bestowed.

THE BIDWELL FUND, an endowment of twenty-two thousand dollars, administered by the Board of Christian Education of the Presbyterian Church is assigned to Occidental College for scholarship aid.

THE PRIDHAM SCHOLARSHIPS. Mr. R. W. Pridham, of South Pasadena, as a memorial of his deceased wife, has placed at the disposal of the Trustees a fund of twenty-five thousand dollars, the income from which is to provide scholarships for worthy students of limited means.

THE PEARL TIFFIN MEMORIAL. This fund of thirty thousand dollars, partially subject to an annuity, was given by Dr. W. W. Tiffin and wife in memory of their young daughter. The income is to provide scholarships for young men and young women, preferably the latter, who are preparing to enter the medical profession.

THE ZECHARIAH DUNCAN MATHUSS SCHOLARSHIP is the income of a fund of five thousand dollars.

THE ARTHUR NOBLE SCHOLARSHIP is the income of a fund of thirty-five hundred dollars.

THE THEODORE C. KOETHEN SCHOLARSHIP, of the First Presbyterian Church of Eagle Rock, California, was founded in honor of a Gold Star man of Occidental College of the class of 1919. It is open to young men planning their life work for the foreign mission field, and also to the sons of foreign missionaries. Applications should be made in writing to the Clerk of Session of the First Presbyterian Church of Eagle Rock.

THE OCCIDENTAL WOMEN'S CLUB SCHOLARSHIP AND LOAN FUND: The Mary Carruth Cunningham Scholarship is annually awarded to some young woman selected on the basis of merit. The Club also maintains a Loan Fund from which worthy women students may obtain limited scholarship aid.

THE HORACE CLELAND SCHOLARSHIP, established by the Alumni Association, is awarded, for the junior year only, to that member

of each class who seems best entitled to it on the general basis of need and merit.

OCCIDENTAL COLLEGE LOAN FUND. The sum of three thousand dollars, given by Dr. Clarence J. Gamble for a perpetual loan fund, is available as supplemental aid to needy and worthy students of the senior or junior class under terms of the fund.

THE RHODES SCHOLARSHIPS. Attention is called to the Cecil Rhodes Scholarships, yielding a value of three hundred pounds for three successive years, tenable at any college in Oxford University, without restriction as to subjects pursued. Two such scholarships are regularly assigned to each state and territory in the United States. The qualifying examinations heretofore required of all candidates have been abandoned, and it is only necessary for a candidate to make formal application, endorsed by the institution from which he comes. Candidates must be unmarried, citizens of the United States, between the ages of nineteen and twenty-five, and must have reached the end of the sophomore year. Selection is made on the basis of the candidate's record in school and college, with regard to the following points: (1) literary and scholastic attainments, (2) interest and success in sports, (3) character, (4) instincts for leadership and interest in fellowmen.

Occidental has twice been represented at Oxford through these fellowships.

THE YALE CLUB OF SOUTHERN CALIFORNIA annually awards a graduate scholarship in Yale University which may be won by a graduate of any college of Southern California. The award is made on the basis of the applicant's needs for financial assistance in order to be able to pursue study at Yale, his college record as a student and leader, and his strength of character. The scholarship is in the form of a loan of five hundred dollars, payable within five years after the student leaves Yale, and bearing four per cent interest from that time. No security for the payment of the note is asked other than the man's character. Applications should be addressed to the Secretary of the Scholarship Fund of the Yale Club of Southern California, University Club, Los Angeles.

PRIZES

PHI BETA KAPPA PRIZE. To stimulate a deeper interest in scholarship, the Phi Beta Kappa Alumni Association of Southern California offered for the years 1922-1924 a prize of fifty dollars, awarded in books, for the best essay on the general topic of

"Scholarship" written by a sophomore, junior, or senior in any of the standard colleges of Southern California.

The prize was won in 1922-23 by Isabel Corbett, of the Class of 1924, of Occidental College; and Donald C. Williams, of the Class of 1923, received honorable mention. In 1923-24, Lillian Zellhoefer, of the Class of 1924, won the prize.

For the year 1924-25 the prize has been increased to one hundred dollars.

To stimulate interest in this contest, the members of Phi Beta Kappa in Occidental offered, for the year 1924-25, prizes of twenty-five, fifteen and ten dollars for the three best essays submitted by the students of the College.

RELIGIOUS EDUCATION PRIZES. Prizes of twenty-five, fifteen, and ten dollars are given by a friend of the College to the three students who in the judgment of the department of Religious Education have done the best work during the year in the courses of the department.

BACHELOR OF ARTS DEGREE

The undergraduate course in the liberal arts and sciences leads to the degree of Bachelor of Arts. Upon completion of the course the degree is conferred upon the student by the Board of Trustees upon recommendation of the faculty. The faculty may recommend a student for the degree whenever the requirements have been met, and when so recommended at a time other than the regular commencement, the student is assigned to the class of the calendar year in which the recommendation is made.

REQUIREMENTS FOR THE DEGREE

The recommendation of the faculty for the conferring of the degree is contingent upon the satisfaction of the following requirements:

1—The completion of one hundred and twenty-four units of college credit. This credit must be based on full satisfaction of all entrance requirements, and must be distributed in proper manner over the work of the lower division, including all requirements for the junior certificate, and that of the upper division, including all requirements for the major and minor and for graduation. The requirements for graduation include a course in American Institutions as required by act of the State Legislature in Assembly Bill No. 307 of January, 1923. The requirements of the lower division and of the upper division are stated hereafter in detail. Exception is made in the case of students in the pre-professional and pre-technical courses who wish to enter a professional school at the end of the junior year. Rules governing this exception are stated under these courses of study.

Candidates for the degree and a state teacher's credential must complete the work required in practice teaching in addition to the one hundred and twenty-four units.

The election of work in any one department is limited to forty units of the one hundred and twenty-four required for graduation.

2—The attainment of an average grade of 3 for the entire course. Advanced credit from other institutions must meet this requirement, though it will not be accepted as more than grade 3 in estimating the general average grade. The candidate must maintain an otherwise honorable record, which must be free from all conditions at least six weeks before graduation.

3—The establishment of at least one year of residence, the final one of the course, with a minimum credit of twenty-four units of residence work, distributed as provided under the requirements of the upper division. (See pages 47 and 55.)

THE LOWER DIVISION

The lower division consists of the work of the freshman and sophomore years, so arranged as to correlate in flexible manner with the student's high school course, to acquaint him with fundamental aspects of several fields of knowledge, and to prepare a broad foundation for the more intensive work of the upper division.

The junior certificate marks the completion of the lower division. It signifies that with few exceptions all prescribed subjects not directly related to the advanced work in the major and minor have been completed either in the high school course or in the lower division.

For the junior certificate, sixty-four units of college work are required, based on full satisfaction of all entrance requirements. All candidates for the degree must have qualified for the junior certificate before proceeding to the work of the upper division.

The specific requirements for the junior certificate are indicated below. Some of these may have been met in part or in whole in the high school, though the fulfillment of any of these requirements in the high school does not diminish the number of units required after admission to the College for qualification either for the junior certificate or for graduation.

The requirements are as follows:

- | | |
|--|------------|
| 1—Physical Education | 2 units |
| One-half unit each semester. | |
| 2—Religion and Ethics | 4 units |
| A two-unit course to be elected one semester of each year spent in the lower division. | |
| 3—Foreign Language | 15 units |
| In not more than two languages. Each year taken in high school counts for three units. | |
| 4—Natural Science | 12 units |
| Chemistry and Physics taken in high school count for half the requirement. Either subject alone counts for three units. Any course taken in college in fulfillment of this requirement must include at least one unit of laboratory work for each semester in the subject. | |
| 5—English | } 21 units |
| 6—History, Economics, Political Science | |
| 7—Foreign Languages, Mathematics, Philosophy | |
| Nine units in one subject and six in each of two others. The three subjects must be English and one from each of the groups num- | |

bered 6 and 7. If foreign language or mathematics be one of the subjects chosen, the requirement may be partly or wholly met in the high school, provided the language be Latin, each year counting as three units; and provided the mathematics be plane trigonometry (2e) or plane analytic geometry (2f), each counting as two units. If foreign language be chosen, the credit must be in addition to that demanded under section 3.

In accordance with the scholastic requirements, a minimum average grade of 3 is necessary for advancement from the lower division.

The fulfillment of the requirements for graduation relative to a course in American Institutions may be met in the lower division by election of Political Science 1-2.

ADVICE REGARDING LOWER DIVISION WORK

While a student is meeting the specific subject requirements of the lower division, he may enter upon the work of other departments which he wishes to include in his college course; or he is entitled, though a lower division student, to proceed to such upper division courses as he may properly elect, all prerequisites as set by the departments having been satisfied. These courses constitute a part of his lower division program. However, until all requirements for the junior certificate have been met, upper division standing cannot be attained; and units accumulated by students of lower division standing beyond seventy in number, either in lower division or in upper division courses, cannot be counted as part of the one hundred and twenty-four required for graduation. In the case of students transferring from other institutions, sufficient adjustment of this regulation may be granted on petition to the Dean to permit of advantageous pursuit of studies.

As early in the lower division as possible, every student should determine the major and minor he later wishes to pursue, in order that their prerequisites may be included in his program of lower division courses. When a major subject has been chosen, the head of this department becomes the student's faculty adviser.

It should be noted that while in the lower division a student should not elect more units in his proposed major subject than are permitted under the regulation which forbids more than forty of the one hundred and twenty-four units required for graduation in any one department; for in general from eighteen to twenty-four units must be completed in a major subject after the student enters the upper division.

THE UPPER DIVISION

The upper division covers the work of the junior and senior years, normally amounting to sixty units. Except in the case of students

transferring from other institutions, or those registered in certain three-year pre-technical and pre-professional courses, a candidate for the degree is not registered in the upper division until he has been awarded the junior certificate.

The requirements of the upper division are as follows:

1—The completion of a minimum of fifty-four units of college credit after the student has entered the upper division, with additional credit sufficient to raise the total number of units completed in the lower and upper divisions to one hundred and twenty-four.

2—The inclusion of four units of Religion and Ethics in the work of the upper division; viz., an elective two-unit course one semester of each year spent in the upper division.

3—The completion of a course in American Institutions (see Political Science 101), unless the requirement has been met in the lower division (see Political Science 1-2).

4—The completion of a minimum of thirty-six units of upper division courses after the student enters the upper division, not less than twenty-four of which are devoted to a major in one subject and a minor in a related subject, eighteen units being the minimum for a major and six the minimum for a minor.

5—The attainment of an average grade of 3 in the work of the upper division as a whole. A student of the upper division, registered in a lower division course, may be required at the option of the instructor to complete additional work in the course.

MAJOR AND MINOR SUBJECTS

On entering the work of the upper division, following the receipt of the junior certificate, each student must have selected some one department in which he proposes to do his major work. From the time of such selection the advice of this department must be sought in planning the work of his program, including the choice of a minor, and his schedule must have the department's approval before he can register. The minor department advises regarding the specific work of the minor subject.

Complete information regarding major and minor requirements may be found in the announcements of the several departments, especially as regards the number of units required or recommended in each, and prerequisite and prescribed courses.

The following general regulations relate to the administration of all departments, under the supervision of the Dean:

1—No department may require for any of its recommendations more than twenty-four units of upper division work in the major

subject nor more than ten units in the minor. A student will be graduated upon completion of the minimum requirements of eighteen and six units in major and minor subjects respectively.

2—Major departments shall be held responsible for the enforcement of the regulation providing that not more than forty units of the one hundred and twenty-four required for graduation may be elected by the student and counted in any one department.

3—A student transferring from another institution, who is granted senior standing, must complete eighteen of twenty-four units required in residence in the upper division, twelve of which must be in a major subject. Transfers of less than senior standing will be required to meet substantially all the regular requirements.

4—It is advised that students continue the work of the major department throughout the four semesters of the upper division. It is required that regular major courses be completed in each of three semesters, including the last two.

5—Each department may set its standards of scholarship requirements for majoring and minoring in the department somewhat higher than those required for graduation, provided the average grade required does not exceed 2.5. In general students who fail to attain an average grade of 3 in the work of the lower division of any department will not be accepted by that department as majors or minors. The recommendation of the major department is necessary for graduation. Each department shall report delinquent scholarship of its major students to the Dean at the close of each semester.

6—A change in the choice of a major, after the student has entered the upper division, may be made only on permission of the Dean and the consent of both the departments concerned. A change in a minor may be made on consent of the major department and the Dean. A student changing major or minor departments must meet all the requirements of the new department.

7—A change of major necessitated on account of a departmental disqualification in scholarship in the major subject may result in the student being placed on probation by the proper faculty committee; and a student so disqualified a second time may be disqualified by the College.

8—All departments in which any student is preparing a major for a teacher's credential require that the student consult the School of Education at the beginning of such work.

THE GRADUATE SCHOOL

ORGANIZATION

The Graduate School of Occidental College was organized for the purpose of offering advanced courses of study in various branches of liberal arts and sciences, primarily in connection with the preparation for the High School Teacher's Credential. The work of the School is under the general direction of the Graduate Committee, which determines and administers the requirements and regulations of the School, including the graduate courses of instruction in the several departments, regulations for admission, and requirements for the graduate degree. It passes upon credentials of applicants for admission, receives and passes upon department recommendations regarding candidates, and nominates the same for the degree.

ADMISSION AND REGISTRATION

Graduates of colleges and universities of good standing are eligible for admission to the Graduate School in candidacy for the advanced degree in departments of study for which they are qualified by their previous work, or as special students, not candidates for a degree or honors. In exceptional cases, other persons of maturity and sufficient attainments may be admitted to graduate courses. An undergraduate of Occidental College, who lacks but twenty-four units or less of graduation, may be admitted to the Graduate School on recommendation of the head of his major department, subject to the approval of the Graduate Committee; provided that the schedule of the student does not exceed fifteen units, not more than twelve of which are undergraduate. Graduate courses so carried may subsequently be credited as graduate work.

Every student, upon entrance to the Graduate School, is required to register at the office of the Registrar of the College, and must present, if candidate for a degree, an official transcript of his college record. The student shall then consult the head of the department in which he proposes to do his major work. His schedule must have this department's approval before he can complete his registration.

Every graduate student is admitted subject to such general regulations of the College as are not altered by those of the Graduate School.

FEES AND EXPENSES

A matriculation fee of five dollars is charged at the time of first registration. The tuition fee is one hundred dollars each semester for regular work. A pro rata tuition of six dollars per unit is charged for partial work of less than ten units. The tuition of a student not in residence, who is completing his thesis, is twenty-five dollars for the semester in which the thesis is presented. A graduation fee of ten dollars is payable thirty days before graduation. Statements of laboratory fees may be found under the announcements of departments in which such fees are required.

MASTER OF ARTS DEGREE

The Degree of Master of Arts is conferred upon students who have received a Bachelor's degree for a four-year undergraduate course from an institution of recognized standing, who satisfactorily meet the following conditions:

1. Approval by the major department of an undergraduate course in studies preliminary to those the student intends to pursue in the Graduate School. Additional undergraduate courses may be required by the department concerned in case the student's undergraduate work does not form sufficient unified basis for graduate work.

2. The completion of one year of graduate study in residence at Occidental College. Resident graduate work at an approved institution may be accepted as part of this requirement in so far as units are concerned, provided the character and quality of the work are satisfactory. In such case, the minimum requirement for a year of resident study shall consist of not less than twelve graduate units during one semester and four such units during another semester.

3. The completion of a program of courses of instruction of advanced grade approved by the head of the department in which the major work is chosen. This program must include at a minimum twenty-four, and at a maximum twenty-eight units, inclusive of the thesis, which shall not be credited for more than four units. In case the student must complete additional undergraduate work, the Graduate Committee may permit a program of not to exceed fifteen units per semester. A minimum of one-half of a student's graduate work must be completed in a single department. The remainder may be chosen, with the approval of the major department, in one or more minor departments so as to form a consistent plan of study. A minimum of eight of the required number of units in

the major subject must be taken in courses numbered 200 or above. The work in any department may be partly or wholly made up of research or special study carried on in residence under the direction or with the criticism and approval of the department.

4. A reading knowledge of at least one foreign language is required before a student will be accepted as candidate for the degree. Any department may require a specific language or languages. A reading knowledge of Greek, Latin, French, German, or in some cases Spanish will ordinarily meet this requirement. Evidence of sufficient attainment in languages must be attested by the major department and filed with the Chairman of the Graduate Committee before the opening of the second semester.

5. A thesis is required of each candidate for the degree on some subject approved by the major department, under whose direction the work is done. The subject of the thesis must be announced to the Graduate Committee by the opening of the second semester of the year in which the candidate expects to take the degree. The department concerned must approve the subject matter and extent of the thesis, and must recommend it in its final form to the Graduate Committee at least four weeks before commencement. If accepted by the Committee, two typewritten copies in a standard prescribed form must be deposited with the College Librarian two weeks before commencement together with a small fee to cover cost of binding.

6. Under each department of study will be found a statement of any specific requirements for the degree in that department. No student may continue to major in a subject who does not meet with the approval of the department.

7. Candidates for the degree of Master of Arts must have met the requirement of the Act of the Legislature regarding a course in American Institutions. (See Political Science 101).

HIGH SCHOOL TEACHER'S CREDENTIAL

Graduate students who are candidates for the recommendation of the College for the California High School Teacher's Credential are registered in both the Graduate School and the School of Education. Certain work of the two schools will coincide. The specific requirements for the credential are to be found under the statement of the School of Education.

SCHOLARSHIPS

A limited number of scholarships yielding from one hundred to two hundred dollars per year are open to regular graduate students

of high merit in various departments of study. These scholarships are intended primarily for those who expect to teach. A student receiving a scholarship may have its equivalent remitted from his tuition fee for service rendered in the department in which he is doing his major work. Application for appointment to graduate scholarships should be made to heads of departments or to the Dean of the College.

DEPARTMENTS OF STUDY

At the present time the College offers graduate instruction in courses containing a minor in the following departments: Botany, Chemistry, Economics, Education, English, French, Greek, History, Mathematics, Political Science, Philosophy, Physical Education, Physics, Spanish, and Zoology.

Major work for the degree of Master of Arts may be pursued in Economics, English, History, French, and Political Science.

THE SCHOOL OF EDUCATION

ORGANIZATION

The School of Education was established for the purpose of providing professional courses for students preparing to teach in the public schools of California and neighboring states. It has been empowered by the State Board of Education to recommend properly qualified candidates for the following credentials: (1) the Elementary School Credentials, (2) the Junior High School Credential, and (3) the General Secondary Credential, in addition to (4) the Special High School Credential in Physical Education.

Arrangements have been made with neighboring public schools whereby excellent opportunities for practice teaching are provided.

ADMISSION AND REGISTRATION

Students with junior standing may be admitted to the School of Education as candidates for one or more of the credentials mentioned above; providing their records in lower division work indicate the probability of fitness of the candidate for the teaching profession. This includes in addition to a satisfactory standard of scholarship, seriousness of purpose, and a natural interest in the work.

Each candidate, before registering at the beginning of his junior year, must report to the office of the Professor of Education for consultation and advice as to majors, minors and professional courses; after which he must prepare, under the supervision of the head of the department in which he is taking the major work, a tentative program of studies for final approval.

Graduates from institutions of recognized standing may be admitted as candidates for the General Secondary Credential providing they meet the requirements of the School of Education.

Graduates of normal schools and teachers of at least seventeen months' experience who become candidates for the General Secondary Credential are allowed certain exemptions by the State Board.

REQUIREMENTS FOR CREDENTIALS

Recommendations for the various credentials will be made in behalf of candidates as follows:

1. For Elementary Credential:

Graduates of Occidental College who have completed a major in the Department of Education, in addition to a major or two minors in subjects which offer suitable preparation for public school teaching. The professional major must include Education 101 (two

units), 112 (two units), 114 (two units), 127 (two units), 130 (two units), 136 (four units) and four units of electives.

A course in American Institutions (see Political Science 101) is also required.

2. For Junior High School Credential:

Graduates of Occidental College who have completed twenty or more units in the Department of Education, including Education 101 (two units), 112 (two units), 114 (two units), 133 (two units), 127 (two units), 130 (two units), 136 (two units), a teacher's course in one of the subjects in which recommendation is sought, and electives (five units).

A course in American Institutions (see Political Science 101) is also required.

3. For General Secondary Credential:

Graduates of Occidental College, or of other institutions of recognized standing, whose undergraduate work has included properly selected majors and minors and who have completed (1) one year of graduate work (twenty-four units) and twenty-one units in Education including the following courses or their equivalents: Education 101 (two units), 114 (two units), 119 (three units), 127 (two units), 130 (two units), 206 (four units), a teacher's course in one of the subjects in which recommendation is sought, and also electives (eight units).

A course in American Institutions (see Political Science 101) is also required.

4. For Special Credentials in Physical Education:

See Department of Physical Education.

For information in connection with exemptions for normal school graduates and teachers who have had at least seventeen months' experience, see State Board Bulletins No. 10 G.S. (revised October, 1923) and No. 10 J.H. (revised October, 1923).

All candidates for the General Secondary Credential must have completed at least one major (minimum of thirty units) and at least one minor (minimum of twelve units) in subjects taught in high schools.

All candidates for credentials are required to complete 130 units of undergraduate work, which should include certain courses in Speech Education, in addition to recommended courses in psychology.

The following distribution of professional work is adhered to as nearly as possible:

(1). Junior year

(a) Required and recommended courses in Psychology, Education 101, 104, 105-6, 111 and 114.

(2). Senior year

Other required courses.

APPOINTMENT BUREAU

An Appointment Bureau has been established in connection with the School of Education to aid teachers in securing employment. Records of the students who have registered with the Bureau will be kept on file in the office of the School of Education and copies of these records will be forwarded to school officials upon request.

A registration fee of two dollars is charged.

EXTENSION COURSES

In connection with the School of Education, certain of the regular courses of the various departments are offered primarily to teachers and other advanced students of Los Angeles and vicinity. These courses are mainly upper division and graduate work credited toward the credentials and the degree of Bachelor of Arts. Under favorable circumstances, where demand and facilities warrant, they may be held at such times and places as are most convenient for those enrolled. All graduate credit in such courses, applicable toward the Teacher's Credential, must be applied for in advance of taking any course. Blanks for making such application are provided. No extension work may be credited toward the Master of Arts degree. A maximum of five units per semester will be accepted in fulfillment of requirements for a teacher's credential from those candidates who present a record of collegiate work completed while employed as a full time teacher.

In the case of such students as are enrolled in these courses, the minimum residence requirements for graduation (see Requirements for the Degree, Section 3) may be satisfied by twenty-four units of work, eighteen of which must be in the upper division, provided all other requirements, including those of the major and minor, are met by an accumulation of units. Twelve of these twenty-four units must be completed on the campus in one semester, of which number at least six must be in a major subject.

To further the work of such students, the College offers a part of its regular work at the Campus on Saturday mornings. This work is credited toward the degree of Master of Arts.

For students not otherwise regularly enrolled in the College, the fees for all extension and Saturday courses are six dollars per unit. No further registration fees are required.

PRE-TECHNICAL, AND PRE-PROFESSIONAL COURSES

GENERAL REQUIREMENTS

The College offers three-year pre-technical and pre-professional undergraduate courses arranged to meet the needs of those students who expect to pursue professional or technical study following work in the liberal arts and sciences, but who find it desirable to accomplish both in a minimum of time.

Any student who satisfactorily completes one of these three-year courses and one year (or two in the case of the College-Hospital Course) in the professional or technical institution for which it prepares, will be granted the degree of Bachelor of Arts by Occidental College, subject to the following conditions:

1—Each course requires for its completion senior standing in Occidental College with ninety-four units of college credit, eighteen of which must be in upper division courses, taken in the upper division. Upper division standing in the case of each of these curricula is attained by meeting the lower division requirements of each and such proportions of the regular lower division requirements of the College as election within the course may permit. Election of studies is subject to the approval of the proper major department. The junior certificate will be granted only when the student has met all the regular lower division requirements.

2—The institution in which the student takes his professional or technical work must be one of those designated in the course, or of recognized standing approved by the Occidental faculty. A college of medicine to be approved must be of grade "A" on the rating of the American Medical Association, and schools of other professions must be of the same high order.

3—Full payment of all college bills due at the end of the junior year and a graduation fee of fifty dollars will be required in every case.

PRE-ENGINEERING COURSE

The Pre-Engineering Course is arranged primarily for those who wish to continue their work after the junior year at a professional engineering college. At the close of one year of successful work in such an institution of the first rank, the degree of Bachelor of Arts will be granted by Occidental College. At the close of a second

successful year the student will normally be eligible for the Bachelor of Science Degree at the College of Engineering.

The following course of study in Occidental College presumes the completion of courses in chemistry and geometric drawing in the high school.

FRESHMAN YEAR: Mathematics 3 and 4; Chemistry 1-2 and 3L-4L; Technical Drawing 3-4; Mathematics 1 and 2, unless trigonometry and solid geometry have been taken in the high school.

SOPHOMORE YEAR: Physics 1-2 and 1L-2L; Mathematics 121 and 122;; Technical Drawing 15-16.

JUNIOR YEAR: Physics 5-6, 5L-6L, and 123-124; Mathematics 6 and 7; Chemistry 5L-6L.

Students seeking engineering degrees in chemistry or chemical engineering are also required to complete Chemistry 7-8 and 7L-8L.

Students contemplating a technical course in an institution other than the one designated above, will follow substantially the same course of study or such as the major department may advise.

Major department: Physics.

PRE-LEGAL COURSE

Depending upon the institution to which the student wishes subsequently to seek admission, the Pre-Legal course qualifies in general for the degree of Juris Doctor on completion of the requirements of the school of law.

The work of the course may well include, in addition to the regular lower division requirements of the College, History 1-2 or History 5, 6, Economics 1-2, Political Science 1-2 and 11, Speech Education 1-2, and Philosophy 3; and such subsequent upper division courses in political science, economics, and history as are advised. The student should complete the requirements for the junior certificate in regular course of procedure.

Major department: Political Science, Economics, or History.

PRE-LIBRARY COURSE

The Pre-Library curriculum is intended to lead to the nine-month course of instruction in library science which the Los Angeles Public Library offers in its Library School, conducted since 1891 and accredited by the American Library Association. The object of this school is thorough preparation for any aspect of library work. Since it is connected with the City Library, with its large

collections and numerous branches, the student has exceptional opportunities for supervised practical work.

Broad preparation for this course in such departments as English, history, the social sciences, and modern languages is especially recommended. The student should complete the regular lower division requirements for the junior certificate.

A thesis, acceptable both to the Library School and to the major department in the College, is required for the completion of this course.

In California a special credential, with qualifications similar to those of a regular High School Teacher's Credential, is required of high school librarians. Candidates for this credential must complete the full four-year course at the College, including the work in Education required for the High School Teacher's Credential, before entering the Library School.

Complete information regarding the work of the Library School may be obtained by addressing the Principal of the Library School, Los Angeles Public Library, Los Angeles.

Major department: English, History, or Political Science.

PRE-MEDICAL COURSE

Subjects which should be included in the Pre-Medical course, preliminary to work in a class "A" medical school, are arranged as follows for those entering in 1925:

Prerequisite: High school Chemistry.

FRESHMAN YEAR: Chemistry 1-2 and 3L-4L; Zoology 1-2 and 1L-2L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together. Spanish will not be accepted in place of the last named requirement.

SOPHOMORE YEAR: Zoology 101L and 107; Zoology 102, 102L; Chemistry 5L-6L, or 7-8 and 7L-8L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together.

JUNIOR YEAR: Zoology 104 and 104L; Chemistry 5L-6L, or 7-8 and 7L-8L; Physics 1-2 and 1L-2L.

Students in this course are advised to take Botany 3 and 3L (Bacteriology), Hygiene 3, Psychology 2, and Zoology 106, 108, and 108 L, at some time during the course, as arrangements can be made.

Major department: Zoology.

COLLEGE-HOSPITAL COURSE

The California State Board of Health, on July 6th, 1918, formally authorized the arrangement between Occidental College and the Pasadena Hospital whereby at the end of five years, three in the College and two given to practical nursing in the hospital, a student may obtain the degree of Bachelor of Arts and also meet in full the requirements of the Nurses' Registration Act as demanded of an accredited training school.

The subjects which must be included in the course are arranged as follows for those entering in 1925:

Freshman year: Zoology 1-2, 1L-2L; Hygiene 5.

Sophomore year: Zoology 101L, 107, Chemistry 1-2 and either 1L-2L or 3L-4L; Botany 3 and 3L (Bacteriology).

Junior year: Zoology 108, 108L.

In addition, the following courses are required before the end of the first three years: Economics 1-2; Hygiene 1-2 and 3; Psychology 2; Mathematics 1 and 2, unless trigonometry and solid geometry have been offered for entrance; French or German sufficient to make the credit earned in these two languages in high school and college equal 15 units. Spanish will not be accepted in place of the last named requirement.

Major department: Zoology.

SUMMER SESSION

During the summer of 1924, the College conducted a six weeks' Summer Session at the High School Building in Pasadena. The work offered was a part of the regular upper division work of the College, carrying full residence credit.

Announcement of the session of 1925, to be held in Pasadena, may be obtained by addressing the Dean of the College.

DEPARTMENTS OF INSTRUCTION

Lower division courses are numbered 1 to 99; upper division, 100 to 199; graduate courses, 200 and above. L added to a number denotes a laboratory or field course. Hyphenated numbers, as 1-2, indicate a year course. Though it is generally intended that such a course be pursued throughout the year, a student may receive credit for either semester without the other unless the course is designated "Throughout the year only." Consent of the instructor is prerequisite to entering any hyphenated course in the second semester.

Any undergraduate course for which fewer than five students are enrolled at the beginning of a semester may be withdrawn.

Upon completion of such additional requirements as may be set by the instructor, certain of the upper division courses may be credited as graduate work. Enrollment of upper division students in graduate courses is limited to seniors who have met, with high grade, such prerequisites as departments may set.

The work of the College is mainly carried on during five days of the week. Classes begin at 8:30 a. m. and in general have finished by 3:30 p. m. Certain courses, primarily for teachers, are offered on Saturdays from 8:30 a. m. to 12:05 p. m. The schedule of classes published currently for each semester may be obtained on application.

BOTANY AND GEOLOGY

Professor Smiley

Mr. Wiggins, Instructor in Botany

BOTANY

Major. Course 101, 103, 105, 106, 107 or 108, and 109-110.

Minor. Course 101, 103, or 106, and 107 or 108.

Prerequisite to the major: Courses 1-2, 1L-2L, 4, and Zoology 1-2.

Prerequisite to the minor: Courses 1-2 and 1L-2L.

LOWER DIVISION COURSES

1-2. Fundamentals of Botany.

SMILEY

Lectures, with assigned reading, on the life of plants, their structure and classification. The first half of the course is concerned with the seed-plants; the second half with the cryptogams.

3 hours, throughout the year only. (6 units)

1L-2L. Elementary Botany Laboratory.

WIGGINS

To accompany course 1-2, and prerequisite to all upper division courses in Botany.

2 laboratory periods, throughout the year only. (4 units)

3. Bacteriology.

SMILEY

Lectures on the bacteria and other microorganisms, with laboratory practice in microbiological methods. To alternate with course 5. Not given in 1925-26.

Prerequisite, Chemistry 1-2 and either Botany 1-2 or Zoology 1-2, or equivalents.

2 lectures and 2 laboratory periods, first semester. (4 units)

4. Plants and Plant Communities of Southern California.

SMILEY-WIGGINS

Laboratory and field study of the native ferns and seed plants.

2 laboratory periods, second semester. (2 units)

5. Ornamental Plants.

SMILEY

Laboratory and field study of landscape gardening plant materials.

To alternate with course 3; given in 1925-26.

Prerequisite, course 1-2, 1L-2L.

2 or 3 laboratory periods, first semester. (2 or 3 units)

6. Forest Botany.

WIGGINS

Lectures, laboratory and field work on the principal forest trees and shrubs, special attention being given to their geographic distribution and economic value. To alternate with course 106; not given in 1925-26.

Prerequisite, course 4 or its equivalent.

1 lecture and 2 laboratory periods, second semester. (3 units)

UPPER DIVISION COURSES**101. Fungi and Plant Pathology.**

WIGGINS

Study of the morphology and classification of the fungi; lectures, laboratory and field work on the fungous and other plant diseases. To alternate with course 113; given in 1925-26.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

1 lecture and 2 laboratory periods, first semester. (3 units)

103. Morphology, Taxonomy and Geographic Distribution of Spermatophytes.

SMILEY

Some field work required; not given in 1925-26.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

2 or 3 laboratory periods, first semester. (2 or 3 units)

105. Botanical Microtechnique.

WIGGINS

Practice in killing, fixing, cutting, staining, mounting, etc., using various standard and special methods. To alternate with course 101; not given in 1925-26.

Prerequisite, courses 1-2 and 1L-2L or Zoology 1-2 and 1L-2L or equivalents.

1 to 3 laboratory periods, first semester. (1 to 3 units)

106. Economic Botany.

SMILEY

A course concerned with the more important economic plants, especially those of California. Given in 1925-26.

Prerequisite, courses 1-2 and 1L-2L or equivalents.

2 lectures and 2 laboratory periods, second semester. (4 units)

107. Experimental Plant Physiology.

WIGGINS

Study of plants and their production and utilization of foods. Lectures, experiments and assigned reading.

Prerequisite, courses 1-2 and 1L-2L, or equivalents; some knowledge of physics and chemistry is essential.

1 lecture and 2 laboratory periods, first semester. (3 units)

108. Experimental Plant Physiology.

WIGGINS

Plant metabolism growth, and response to stimuli and irritants.

Prerequisite, course 1-2 and 1L-2L, or equivalents; some knowledge of physics and chemistry is essential.

1 lecture and 2 laboratory periods, second semester. (3 units)

109-110. Thesis Course for Majors and Graduate Students only.

SMILEY-WIGGINS

Southern California, with its diversified topography and climatic contrasts, offers special opportunities for taxonomic and phytogeographic investigations; given in alternate years; not given in 1925-26.

Prerequisite, course 103 or 106, or 107 or 108.

2 or 3 laboratory periods, either or both semesters. (Hours and credit to be arranged).

201. Teachers' Course.

WIGGINS

See Education 201.

2 hours, one semester.

GEOLOGY

Minor. Courses 111, 112 and 114.

Prerequisite to the minor: Courses 11-12, 11L-12L, and 14.

LOWER DIVISION COURSES**11-12. General Geology.**

SMILEY

Lectures, with assigned reading, on physical and historical geology.

3 hours, throughout the year only. (6 units)

11L-12L. General Geology Laboratory.

SMILEY

To accompany course 11-12.

1 laboratory period or field trip, throughout the year only. (2 units; students may also enroll for an additional half-unit each semester).

14. Mineralogy.

SMILEY

Lectures, with assigned reading, on the minerals of common occurrence or economic importance, including the elements of crystallography and practice in mineral identification. To alternate with course 114; not given in 1925-26.

Prerequisite, matriculation chemistry or Chemistry 1-2.

2 lectures and 2 laboratory periods, second semester. (4 units)

UPPER DIVISION COURSES

111. Geography and Geology of Latin America. SMILEY

Given in alternate years; given in 1925-26.

Prerequisite, course 11-12.

2 lectures, first semester. (2 units)

112. Geography and Geology of Eurasia. SMILEY

Given in alternate years; given in 1925-26.

Prerequisite, course 11-12.

2 lectures, throughout the year only. (4 units)

114. Economic Geology. SMILEY

Lectures on the principal geologic deposits of economic value, with laboratory examination of maps, models, and ore samples. Some assigned reading in the publications of the U. S. G. S. and in the current journals is required. To alternate with course 14; given in 1925-26.

Prerequisite, courses 11-12 and 14 or equivalents.

2 lectures and 1 laboratory period, second semester. (3 units)

CHEMISTRY

Professor Chandler

Professor Cook

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: Courses 1-2, 1L-2L or 3L-4L; other courses in the lower division sufficient to make 14 units altogether.

LOWER DIVISION COURSES

1-2. General Chemistry.

For those with and those without entrance chemistry. The class meets twice a week for lectures and demonstrations and once for quiz. Must be accompanied by course 1L-2L or course 3L-4L to satisfy the lower division requirements in science.

3 hours, throughout the year. (6 units)

1L-2L. General Chemistry Laboratory.

Laboratory course to accompany 1-2 for those without entrance chemistry.

2 laboratory periods, including 1 hour drill, through the year. (4 units)

3L-4L. Qualitative Analysis.

Laboratory course to accompany 1-2 for those with entrance chemistry.

2 laboratory periods, including 1 hour drill, throughout the year. (4 units)

5L-6L. Quantitative Analysis.

Practice in the general methods of gravametric, volumetric, and electrolytic determinations. This outline will be modified for those desiring to use each method during half the allotted time. At suitable times during laboratory periods there will be class discussions of principles and methods, and individual solution of typical examples.

Prerequisite, course 3L-4L.

3 laboratory periods, including 1 hour drill throughout the year.
(6 units)

7-8. Organic Chemistry.

Lectures and recitations on the aliphatic and aromatic compounds.

Prerequisite, course 1-2.

2 hours, throughout the year. (4 units)

7L-8L. Organic Chemistry Laboratory.

Preparations and reactions of organic compounds.

Prerequisite, course 7-8 completed or in progress.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

Any of the year courses numbered 5L-6L, 7-8, and 7L-8L, may count as upper division courses and be included in the major or minor if taken in the upper division after the completion of 14 units in lower division courses.

101-102. Physical Chemistry.

Lectures in the field of advanced chemistry, recitations, and readings. Given in alternate years with course 103-104.

Prerequisite, course 7-8.

2 hours, throughout the year. (4 units)

103-104. Technical Chemistry.

Consideration in detail of the processes employed in the chemical industries, and visits to neighboring plants. Given in alternate years with course 101-102.

Prerequisite, course 5L-6L.

2 hours, throughout the year. (4 units)

111L. Advanced Chemistry Laboratory.

Special methods of Quantitative Analysis, including water, gas, oil, feed, food, and electrolytic analysis; assaying, organic and inorganic preparations; physical chemistry measurements. The student may choose from these subjects sufficient to complete his major or his graduate work.

Prerequisite, course 5L-6L.

1 to 3 laboratory periods, either or both semesters. (1 to 6 units)

201. Teachers' Course.

See Education 201.

1 hour, throughout the year. (2 units)

DRAWING AND ART

TECHNICAL DRAWING

Assistant Professor Morse

LOWER DIVISION COURSES

1-2. Technical Drawing

Involves the use of instruments, geometric construction, orthographic projection, principles of dimensioning and blue print reading. Practice in lettering and layout of titles. This course must precede all advanced work.

3 hours, throughout the year. (2 units)

3-4. Orthographic Projection.

Problems in projection, intersections of solids, development of surfaces and application to working drawings.

Prerequisite, course 1-2.

6 hours, throughout the year. (4 units)

7-8. Machine Drawing.

Sketching of machine details, tracing and assembled views.

Prerequisite, course 1-2 or 3-4.

6 hours, throughout the year. (4 units)

11-12. Topography and Map Making.

Ink rendering for map making, lettering, tracing and blue printing.

Prerequisite, course 1-2.

3 hours, throughout the year. (2 units)

15-16. Descriptive Geometry.

Problems in lines, planes and solids; intersections and developments; isometric and perspective drawings.

Prerequisite, courses 1-2 and 3-4. Mathematics 2.

6 hours, throughout the year. (4 units)

UPPER DIVISION COURSES

117-118. Graphic Statics.

Graphical solution of problems in mechanics and strength of materials; vectors and vector quantities; force and space diagrams; funicular polygons; beams; trusses; problems in simple machines.

Prerequisite, course 1-2 and Mathematics 1.

3 hours, throughout the year. (2 units)

121-122. Architectural Rendering of Shades and Shadows.

Accurate methods for determining the shadows of geometrical lines, plane figures and solids, and their application to the casting of conventional shades and shadows on the principal architectural members.

Prerequisite, courses 1-2 and 15-16.

3 hours, throughout the year. (2 units)

123-124. Architectural Perspective.

Theory and application of methods of drawing architectural perspectives.

Prerequisite, courses 1-2 and 3-4, course 121-122 completed or in progress.

3 hours, throughout the year. (2 units)

129-130. Architectural Drawing.

Architectural lettering, detailing and preparation of working drawings.

Prerequisite, courses 1-2, 15-16, 121-122, 123-124.

6 hours, throughout the year. (4 units)

FREEHAND DRAWING

Hanson Puthuff

LOWER DIVISION COURSES

1-2. Elementary Freehand Drawing.

Drawing in pencil and charcoal, from models and still life, outdoor sketching, the principles of light and shade, and perspective.

Open to all.

2½ hours, throughout the year. (2 units)

3-4. Landscape and Architectural Sketching.

Sketching from nature, architectural subjects, drawing from memory, composition. This course is recommended as a preparation for Course 7-8.

Prerequisite, course 1-2.

2½ hours, throughout the year. (2 units)

5-6. General Drawing and Design.

Some suggested topics are: Figure and landscape sketching, advanced work in black and white and colored media, study of natural forms with application of same to design, conventional ornament, decorative and industrial design (stencil, fabrics, art, craft, illumination, etc.)

Prerequisite, course 1-2.

2½ hours, throughout the year. (2 units)

7-8. Architectural Rendering.

Pen, pencil, water color, and crayon as media. Perspective (linear and aerial). Landscape and foreground composition.

Prerequisite, course 1-2.

2½ hours, throughout the year. (2 units)

9-10. Synopsis Course.

Fundamental principles of drawing of forms and of light and shadow. Expression of various media. Elementary design. Composition. Color.

2½ hours, throughout the year. (2 units)

HISTORY OF ART

Associate Professor Cunningham

Prerequisite: recommended, History 1-2.

1-2. Survey Course.

First semester: Outline history of architecture and sculpture. Second semester: Outline history of painting.

3 hours, throughout the year. (6 units)

3. History of Ancient Art.

A study of pre-Grecian art.

3 hours, first semester.

5. History of Medieval Art.

Study of architecture, sculpture and painting, in the Romanesque and Gothic periods.

3 hours, first semester.

6. History of Renaissance Art.

(a) Study of Italian art in the fifteenth and sixteenth centuries.

(b) Study of the art of Northern Europe in the sixteenth, seventeenth, and eighteenth centuries.

3 hours, second semester.

UPPER DIVISION COURSES

Prerequisite: six units in the lower division.

108. Outline History of Art in the Nineteenth Century.

3 hours, second semester.

110. Outline of Aesthetic Theory.

A study of the fundamental principles of aesthetics and their application to the Fine Arts.

3 hours, second semester.

ECONOMICS AND SOCIOLOGY

Professor Day

Assistant Professor ———

Mr. McLain

Mr. Clifford

ECONOMICS

Major: Eighteen units in the upper division.

Minor: Six or more units in the upper division.

Prerequisite to the major or minor: course 1-2 and either Political Science 1-2 or a year course in History.

Prerequisite to the upper division: course 1-2 and Junior standing.

Courses offered in the related departments of Political Science, History, and Social Psychology are recommended.

LOWER DIVISION COURSES

1-2. Principles of Economics.

An introductory course dealing with the production, consumption, distribution and exchange of wealth, value and price; interests, profits, wages and rent; money, banking, trusts, tariff, international trade.

Prerequisite, sophomore standing.

3 hours, throughout the year. (6 units)

3-4. Economic Geography; History of Commerce.

A study of the influence of geography on industry, on the world's markets and on commercial routes. A geographic location of raw materials, a brief description of manufacturing processes. Second semester devoted to a brief history of commerce and a study of modern methods of trade and exchange. This course is intended as an introduction to the courses in Foreign Trade. Open to Freshmen.

2 hours, throughout the year. (4 units)

15-16. Elements of Accounting.

An introductory course to accounting, giving the student actual experience in recording a wide variety of transactions.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101. Money, Banking and Foreign Exchange.

A study of the history and functions of money, the use of credit instruments and the banking systems of Europe and the United States. Special attention is given to the Federal Reserve System and to the methods and uses of foreign exchange.

3 hours, first semester.

102. Business Organization.

A survey of the principles underlying the different forms of business organization and management; correspondence, credit and collections; production and cost systems. Marketing and sales forces in extractive and manufacturing industries.

Prerequisite, course 101.

3 hours, second semester.

103. Corporation Finance.

A study of the organization and financial policy of business enter-

prises. Advantages and disadvantages of the corporate form; the legal position of the corporation; promotion, sources of capital. Case studies in the promotion, expansion, failure and reorganization of corporations are required of the members of the class.

2 hours, first semester.

104. Transportation.

A course in the development of transportation facilities, financing railroad corporations and steamship companies. Rate making in theory and practice, the work of the Interstate Commerce Commission, problems of government control and private ownership, merger proposals. A survey of ocean transportation and of British, Continental and Canadian railway systems.

3 hours, second semester.

105. Investments.

A study of the principles governing security values and speculative investments. An analysis is made of the various types of investment securities and of their adaptability to various classes of purchasers. Open to Seniors.

Prerequisite, course 101 or 103.

2 hours, second semester.

115-116. Principles of Advanced Accounting.

A consideration of the fundamental theory and practice of accounts.

3 hours, throughout the year. (6 units)

121. Economic History of Europe.

A general course dealing with the evolution of industrial society and the economic development of Europe from the beginning of the modern period to the present. The major part of the course is devoted to a study of the effects of the Industrial Revolution, particularly in England. The great inventions and their effects upon the factory system and upon labor regulations, the development of transportation and commerce, the economic origin of war and the economic problems of peace are treated.

3 hours, first semester.

122. Economic History of the United States.

This course traces the development of the United States in agriculture, industry, commerce, transportation, banking, from the colonial period to the present. A brief treatment of the industrial development under British control, but mainly a study of the westward movement and present trend of economic interests.

3 hours, second semester.

141. Economic International Relations.

A course intended to develop the economic basis of international relationship. A comparative study of nationalism, imperialism and internationalism from the economic relations of the greater powers. The principle of self-determination of races and the economic relations of the small nations.

Prerequisite, course 3-4.

3 hours, first semester.

142. Foreign Trade.

An introductory course dealing with the history and development of the foreign trade of the United States. Special attention is given to the present status and future possibilities of trade between the United States and the principal Latin-American republics, and to trade relations with Japan and China.

Prerequisite, course 3-4.

3 hours, second semester.

GRADUATE COURSES

205. History of Economic Thought.

Required of Seniors who major in the department.

2 hours, one semester.

211-212. Economic Seminar.

Intensive and independent research and presentation of results. Open to graduates and to Seniors with permission of the instructor.

1 or 2 hours, throughout the year. (2 or 4 units)

SOCIOLOGY

Minor: Six or more units in the upper division.

Prerequisite to all courses: a year in History and upper division standing.

Psychology 124 is credited in this department.

UPPER DIVISION COURSES

151-152. Principles of Sociology.

A course in fundamental principles, dealing with the processes of association and their evolution into fashion, custom and institutions. The biologic, geographic, and psychologic factors contributing to the evolution of society are considered in their relation to theories of progress. Social behavior and motives controlling social functioning are analyzed.

2 hours, throughout the year. (4 units)

153-154. Social Problems.

A survey of the more important social problems; population, immigration, marriage and divorce, eugenics, poverty, delinquency and crime; the meaning and ethics of democracy. Alternates with 155-156.

Prerequisite, course 151-152.

2 hours, throughout the year. (4 units)

155. Labor Problems.

The course includes a brief history of labor movements, an investigation into the causes of labor problems, a consideration of unemployment, woman and child labor, wages and the cost of living, collective bargaining, the open-shop, labor motives and the cultural opportunities of labor life. Alternates with 153.

Prerequisite, course 151-152.

2 hours, first semester.

156. Race Problems.

A study of the problems arising from racial antipathies. Questions relating to immigration, assimilation of races, anti-alien legislation and to Oriental problems of the Pacific Coast are treated in an effort to approach a just and helpful solution. Alternates with 154.

Prerequisite, course 151-152.

2 hours, second semester.

EDUCATION

Professor Sinclair

Professor Cook

Mr. Moore, Lecturer

Mr. Preston

Major: Eighteen units in the upper division.

Minor: Six or more units in the upper division.

Prerequisite to the major or minor: consult department.

Prerequisite to upper division courses: Psychology 2.

Note—The major and minor named above are the academic major and minor, leading to the degree of Bachelor of Arts. For the meaning of these terms as used in the requirements for the High School Credential, see under "The School of Education."

Hygiene 104, 110 and Psychology 125, 126 are credited in this department.

UPPER DIVISION COURSES

101. Introduction to Education.

SINCLAIR

An elementary course, having as its aim the introduction of the

student to the various fields of education. A text will be used supplemented by lectures, readings, and reports. Open to sophomores who are preparing to teach.

2 hours, either semester.

103. Principles of Education.

SINCLAIR

An introductory study of the aims and values of education with special consideration of the curriculum as a means of realizing these aims.

3 hours, first semester. Not offered 1925-26.

105. History of Education, Earlier Period.

COOK

A survey of the growth of education and its influence upon human progress. The course covers the period from the earliest times to the Renaissance.

3 hours, first semester.

106. History of Education, Later Period.

COOK

The history from the Renaissance to the present time is covered, particular attention being devoted to great thought movements and their bearing upon civilization and the advancement of learning.

3 hours, second semester.

112. Principles of Elementary Education.

SINCLAIR

An elementary course for students preparing for the Elementary School Credential.

2 hours, second semester.

114. Public Education in California.

MOORE

This course is planned to meet the requirements of the State Board. It will include a study of the California system of education in its legal aspects, administration, organization, etc.

2 hours, second semester.

119. Principles of Secondary Education.

SINCLAIR

This course will present the aims and goals of secondary education and its relation to the elementary and higher institutions. Special emphasis will be placed on present tendencies in this field.

3 hours, first semester.

122. Classroom Management.

SINCLAIR

A brief study of class management and routine; discipline, attendance, grading and marking, etc.

1 hour, second semester.

123. Public School Administration.

MOORE

This course considers the organization and administrative control of state, county, and city school systems.

2 hours, first semester.

127. Technique of Teaching.

SINCLAIR

In this course the conventional general methods of teaching in the elementary and high school are considered, with special attention directed to the project method, socialized recitation and supervised study. Directed observation of actual teaching in the city schools supplements the theoretical consideration.

2 hours, first semester.

130. Education and Citizenship.

SINCLAIR

A study of the ideals and objectives of good citizenship. In addition, the subjects taught in the public schools are considered from the point of view of their possibilities in relation to the realization of these ideals.

2 hours, either semester.

133. The Junior High School.

SINCLAIR

A detailed study of the junior high school from the points of view of its origin and development, organization, special functions, program of studies, the methods of teaching, etc.

2 hours, second semester.

136. Practice Teaching.

SINCLAIR, PRESTON

Actual experience in teaching under supervision in the public schools of the city for at least five hours per week during one semester. Open to seniors who are candidates for Elementary or Junior High School Credentials. Conferences two hours per week. Not credited toward the A. B. degree.

4 hours, either semester.

GRADUATE COURSES

201. Teachers' Courses.

Teachers' Courses in special methods in connection with the preparation in teaching majors and minors in various departments are offered as indicated below:

- A. Teachers' Course in Botany.
- B. Teachers' Course in Chemistry.
- C. Teachers' Course in English.
- D. Teachers' Course in French.
- E. Teachers' Course in Greek.
- F. Teachers' Course in History.
- G. Teachers' Course in Latin.
- H. Teachers' Course in Mathematics.
- I. Teachers' Course in Physics.
- J. Teachers' Course in Political Science.

K. Teachers' Course in Spanish.

L. Teachers' Course in Zoology.

For further information concerning these courses, see statements of departments concerned, under Course 201. None of them may be credited toward the degree of Master of Arts.

206. Practice Teaching.

SINCLAIR, PRESTON

Candidates for the High School Credential who are without teaching experience are required to complete one semester of actual teaching five hours per week in a city high school. This teaching, carried on under supervision, is supplemented by frequent conferences for discussion of problems. Not credited toward the A. B. or M. A. degree.

4 hours, either semester.

211-212. Educational Seminar.

SINCLAIR

Not offered in 1925-26.

ENGLISH

Professor Stelter

Professor Martin

Associate Professor Odell

Associate Professor Thompson

Assistant Professor MacIntyre

Mr. Williams, Instructor

Major. For graduation, eighteen units in the upper division; twenty-four units in the upper division are advised for students seeking the recommendation of the department for honors, graduate work, or teaching. A major should ordinarily include at least two units in advanced composition, three from courses 121 to 124, twelve from 124-146, and such other courses as 255-256.

All students majoring in the department, especially those who expect to pursue graduate work in English, should equip themselves with a reading knowledge of one or more of the foreign languages chosen from Greek, Latin, French, or German. A course in English History is advised for those not offering it for entrance. Speech Education 118 is accepted as major work and is advised for all majors in the department seeking a teacher's credential.

Minor. For graduation, six units in the upper division; ten units are advised for students who seek the recommendation of the department.

Prerequisite to the major or minor: course 1-2 and 51-52 or equivalents.

Prerequisite to upper division courses: course 1-2; six units from lower division courses numbered above 50 or upper division standing.

Graduate Major:

1. For the Master's degree: thirty-six units of upper division and graduate work in English, including two graduate seminars, or graduate year courses, or equivalents. For the High School Teacher's Credential: the equivalent of the recommended undergraduate major, and eight graduate units, or four in the case of teachers of not less than seventeen months' experience. The course in Oral Interpretation of Literature (Speech Education 118), or its equivalent, is also required.

2. Reading knowledge of at least one foreign language.

3. For the Master's degree, the presentation of an acceptable thesis.

4. The English Final Examination. These examinations, oral or written, are a comprehensive test of the student's habits of study, thought, and expression, as well as of his knowledge of the subject matter involved. The examinations cover the following points, all of which must be satisfied, at least three by formal examination, by all candidates for the high school credential and graduate degree:

i. The general history of English Literature, its chief masterpieces, and methods of study. Formal examination required.

ii. One or more of the main periods, types, or authors. May be met by satisfactory work in upper division courses aggregating not less than six units.

iii. The development of the English language, and principles of linguistic study. May be met by from four to six units from courses the equivalent of 121 to 124.

iv. Standard principles of literary criticism applied to types and forms. May be met by course 255-256.

v. Organization and presentation of thought, oral and written. May be met by courses in advanced composition and Speech Education.

LOWER DIVISION COURSES

1-2. English Composition.

THE STAFF

Introductory course. Required for graduation and prerequisite to all upper division courses. Must be completed or in progress before any other lower division course may be taken in this department.

3 hours, throughout the year. (6 units)

51-52. History of English Literature.

THE STAFF

A thorough survey; required, or its equivalent, of students who intend to major or minor in English. Either semester may be taken separately.

Prerequisite, course 1-2 completed or in progress.

53-54. Types of Literature.

THE STAFF

A series of courses in the historical and critical study of the development, and of representative forms, of various types of literature: (A) the English essay, (B) the drama, (C) the novel, (D) narrative and lyrical poetry, (E) the epic, (F) the short story, (G) biography and letters. One or more of the types is offered each year.

Prerequisite, course 1-2 completed or in progress.

2 hours each, throughout the year. (4 units each)

55-56. Introduction to Poetry.

MACINTYRE

The nature and essentials, and the forms of poetry; methods of study.

Prerequisite, course 1-2 completed or in progress.

2 hours, throughout the year. (4 units)

61-62. Journalism.

WILLIAMS

News writing. Either semester may be taken separately.

Prerequisite, course 1-2.

2 hours, throughout the year (4 units)

UPPER DIVISION COURSES

Certain courses of the upper division are given in alternate years. Upon completion of additional requirements courses 121 and following may be credited as graduate work.

101. Advanced Composition.

THE STAFF

The theory and practice of:

A—Narrative and descriptive writing.

B—The informal essay.

C—Expository writing.

D—Literary criticism.

E—Argumentation.

One or more of the types is offered each year.

2 hours, one semester.

103. Editorial and Critical Writing.

Theory and practice.

ODELL

2 hours, first semester.

104. Short Story Writing.

ODELL

Discussion of theories involved, analysis of types, and practice in writing.

2 hours, second semester.

110. Versification.

MACINTYRE

A study of the principles and forms of English verse; practice in verse writing.

1 hour, second semester.

121-122. Old English.

THOMPSON

Elements of Old English grammar, with readings; survey of the literature of the period.

3 hours, throughout the year. (6 units)

123. The History of the Language.

THOMPSON

The origin, growth, and history of the language.

3 hours, first semester.

124. The Period of Chaucer.

STELTER

The life and times of Chaucer; readings principally in *The Canterbury Tales* and in *Troilus and Criseyde*; survey of Middle English grammar and literature.

3 hours, second semester.

127. The Development of the Drama.

MARTIN

The beginning and development of English drama to about 1600. Miracles, moralities and interludes; classical influences; the immediate predecessors of Shakespeare; Shakespeare's work to 1597.

3 hours, first semester.

128. Elizabethan Drama.

MARTIN

From 1600 to the closing of the theatre. Shakespeare's plays; his chief contemporaries and successors: Jonson, Beaumont and Fletcher, Webster, Middleton, Massinger, and others.

3 hours, second semester.

129. Elizabethan Non-Dramatic Literature.

MARTIN

The Renaissance; principal authors and types (1557-1625); Spenser.

3 hours, first semester.

130. Shakespeare.

MARTIN

Reading of a number of plays; Shakespeare's dramatic art; the theatrical and social conditions of the times.

3 hours, second semester.

132. Shakespeare.

MARTIN

Intensive study of three plays.

3 hours, second semester.

135. The Period of Milton.

STELTER

The life and times of Milton (1625-1660); his poetry and most important prose; the "metaphysical," the church, and the cavalier poets; prose writers.

3 hours, first semester.

136. The Classical Period.

THOMPSON

The background, the literary movements, and the major poets and prose writers of the period (1660-1780).

3 hours, second semester.

137. The Romantic Period.

MACINTYRE

The rise of romanticism; Wordsworth, Coleridge, Byron, Shelley, Keats; other writers of verse and prose of the period (1780-1832).

3 hours, first semester.

139. The History of the Novel.

The development of the English novel to the nineteenth century.

3 hours, first semester.

140. Nineteenth Century Novelists.

MACINTYRE

The greater English novelists of the nineteenth century.

3 hours, second semester.

142. Nineteenth Century Prose.

THOMPSON

A study of the major prose writers, exclusive of the novelists.

3 hours, second semester.

144. Victorian Poetry.

STELTER

The major poets of the period (1832-1892).

145-146.—American Literature.

THOMPSON

A general survey of American literature, with a detailed study of important writers. Either semester may be taken separately.

2 hours, throughout the year. (4 units)

147. Browning.

CUNNINGHAM

A systematic and intensive study of the philosophy and art of Robert Browning.

148. Meredith, Hardy, and the Later 19th Century.

MACINTYRE

A study of the chief works of Meredith and Hardy, and of other representative men of the period.

3 hours, second semester.

151. Modern Drama.

STELTER

A study of the chief contemporary English, American, and Continental dramatists from Ibsen to the present time.

3 hours, first semester.

152. Contemporary Poetry.

A survey of English and American poetry since 1890, with special attention to modern tendencies.

3 hours, first semester.

160. Honors Course.

The opportunity to read for honors in English, to produce a piece of original work or of constructive criticism, is offered to a limited number of seniors, or in certain cases juniors, majoring in English.

2 hours, either semester.

161-162. Advanced Journalism.

WILLIAMS

A study of American journalism.

2 hours, throughout the year. (4 units)

167-168. Comparative Literature.

MACINTYRE

A study of world classical literature and its influence upon English.

2 hours, throughout the year. (4 units)

GRADUATE COURSES

201. The Teaching of English.

STELTER

A study of the problems and methods of the teaching of English in the secondary schools. Open to seniors and graduate students. Required of candidates for high school credentials offering English as a major. No credit toward the degree of Master of Arts.

See Education 201.

2 hours, first semester.

211-212. Seminar.

Subject to be chosen.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

255-256. Theories of Poetry.

STELTER

A study of the chief theories of poetry, of literary criticism, and of the types of poetry, with illustrations drawn mainly from the English poets.

2 hours, throughout the year. (4 units)

FRENCH

Professor Bell

Assistant Professor Wiley

Miss Christie, Instructor

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalents. The attention of students majoring in French is called to History 103-104, History of Art 1, English 136, 137, 151, and Political Science 111-112. Under certain conditions courses 105 to 125 may be elected for graduate credit.

In all upper division courses, credit will be given for the work of either semester.

LOWER DIVISION COURSES

1-2. Elementary French.

THE STAFF

Drill in pronunciation and in fundamental rules of grammar. Readings and conversations in French. Students presenting one year of high school French may enter this course at the beginning of the second semester.

5 hours, throughout the year only. (10 units)

3-4. Novel and Drama.

THE STAFF

Novels and plays by modern French authors. Written and oral composition.

Prerequisite, course 1-2 or two years of high school French.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. Survey of French Literature and Culture.

CHRISTIE

A general view of French literature from the beginnings of the present time in its historical and cultural background with study of important masterpieces since the sixteenth century

Prerequisite, course 3-4. It is advised that 101-102 be taken after or in conjunction with 103-104.

3 hours, throughout the year. (6 units)

103-104. Advanced Composition and Conversation

BELL

Prerequisite, course 3-4.

2 hours, throughout the year. (4 units)

105-106. Nineteenth Century Literature.

CHRISTIE

Analysis of selected plays, novels, and stories to illustrate the literary movements from the Restoration to the end of the century.

Prerequisite, 101-102.

2 hours, throughout the year. (4 units)

107-108. Contemporary Literature.

CHRISTIE

The drama, novel, poetry, and currents of thought from 1885 to the present.

Prerequisite, 101-102.

3 hours, throughout the year. (6 units)

109-110. The Eighteenth Century.

WILEY

A general survey of the decline of Classicism, the philosophers and scientists, and the beginnings of Romanticism.

Prerequisite, 101-102. Not offered in 1925-26.

2 hours, throughout the year. (4 units)

111. Seventeenth Century Drama.

WILEY

The formation of the "Classic Ideal" in the drama, with special attention to Corneille, Molière, and Racine.

Prerequisite, course 3-4.

3 hours, first semester. (3 units)

112. Seventeenth Century Non-Dramatic Literature.

WILEY

The intellectual and social life to the Golden Age, as revealed in the novel, memoirs, letters, and non-dramatic poetry, and by the philosophers and moralists.

Prerequisite, course 3-4.

3 hours, second semester. (3 units)

125. Phonetics.

WILEY

The nature and production of French sounds, compared with other languages; tone and rhythm in conversation, and the reading of prose and poetry.

Prerequisite, course 3-4, and permission of instructor.

2 hours, first semester. (2 units)

GRADUATE COURSES

201. Teachers' Course.

BELL

See Education 201.

2 hours, second semester.

211-212. Seminar.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

GERMAN

Professor —————

Mrs. Fisk

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: course 1-2 and 3-4 or their equivalents.

Other courses will be offered according to demand.

LOWER DIVISION COURSES

1-2. Elementary German.

Students presenting one year of high school German may enter this course at the beginning of the second semester.

5 hours, throughout the year only. (10 units)

3-4. Novel and Drama.

Readings from classic literature; written and oral composition.

Prerequisite, course 1-2 or two years of high school German.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. German Classical Literature.

Intensive study of chosen representatives of the classic literature.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

103-104. Advanced Composition and Conversation.

Prerequisite, course 3-4 and 101-102 or 105-106.

2 hours, throughout the year. (4 units)

105-106. History of German Literature.

The development of German literature from its beginnings to the present time, with study of important masterpieces, illustrative of the various periods.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units)

GREEK

Professor Ward

Major. Eighteen units in the upper division, taken from courses 105 to 110.

Minor. Six or more units in the upper division, including one course in Plato or the historians, and one in the drama.

Prerequisite to the major: courses 1, 2, and 6.

Prerequisite to the minor: courses 1 and 2.

LOWER DIVISION COURSES

1. Elementary.

Course for beginners.

5 hours, first semester.

2. Xenophon and Homer.

Xenophon's *Anabasis*; review of the grammar. Homer's *Iliad*; forms, metres, the early epic.

Prerequisite, course 1.

5 hours, second semester.

6. Prose Composition.

Prerequisite, course 2.

2 hours, one semester.

7. Greek Life and Art.

No knowledge of Greek required. Lectures, illustrated by lantern slides and supplemented by required reading and written tests.

Open to all.

2 hours, first semester.

11. Selected Letters of Paul.

The course is varied from year to year and may therefore be taken twice in succession without covering the same ground.

Prerequisite, course 2.

3 hours, first semester.

12. Hebrews and the Catholic Epistles or Other Non-Narrative Portions of the New Testament.

The course is varied from year to year and may therefore be taken twice in succession without covering the same ground.

Prerequisite, course 2.

3 hours, second semester.

UPPER DIVISION COURSES

105. Plato.

Apology and Crito, with part of the Phaedo. Offered in alternate years with course 107.

Prerequisite, course 2.

3 hours, first semester.

106. Euripides, Aristophanes.

Alcestis or Medea; Clouds; or other selected plays. Offered in alternate years with course 108.

Prerequisite, course 2.

3 hours, second semester.

107. Herodotus.

Books VII and VIII. Offered in alternate years with course 105.

Prerequisite, course 2.

3 hours, first semester.

108. Aeschylus, Sophocles.

Prometheus Bound, Oedipus Tyrannus, Antigone. Offered in alternate years with course 106.

Prerequisite, course 2.

3 hours, second semester.

109. Thucydides.

The Sicilian Expedition. Open to advanced undergraduates and to graduate students.

Prerequisite, 105 or 107, with 106 or 108.

3 hours, first semester.

110. Plato.

Selected dialogues. Open to advanced undergraduates and to graduate students.

Prerequisite, 105 or 107, with 106 or 108.

3 hours, second semester.

112. The Greek Drama in English.

No knowledge of the Greek language required. Begins with the early choral lyric and continues through the period of the great masters. Aeschylus, Sophocles, and Euripides are studied somewhat in detail, with less attention to Aristophanes. History of the Greek theatre and of dramatic presentation at Athens. Lantern-slide illustrations. Standard English translations are used as a text.

2 hours, second semester.

201. Teachers' Course.

See Education 201.

2 hours, one semester.

HISTORY

Professor Cleland

Professor Myers

Professor Ward (Greek Dept.)

Assistant Professor Hardy

Major. A minimum of eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: course 1-2 or courses 5 and 6; Economics 1-2 or Political Science 1-2.

Political Science 103 is credited in this department.

LOWER DIVISION COURSES

1-2. European History.

MYERS

A background course dealing with the development of European civilization, with especial emphasis upon the life, institutions, and permanent product of the middle ages and of the renaissance.

3 hours, throughout the year only. (6 units).

5. History of the Americas.

HARDY

A general survey of the planting of colonial societies in the New World.

3 hours, first semester.

6. History of the Americas.

HARDY

A general survey of the rise of the American nation from the beginning of independence to the present.

3 hours, second semester.

UPPER DIVISION COURSES

Course 1-2 or courses 5 and 6, together with Economics 1-2 or Political Science 1-2, are prerequisite to all upper division courses in this department.

101. History of the United States.

HARDY

A study of the political history of the United States from the Revolutionary War to the Compromise of 1850.

3 hours, first semester.

102. History of the United States.

HARDY

A study of the political history of the United States from 1850 to the present time.

Prerequisite, course 101.

3 hours, second semester.

103. Modern European History.

MYERS

A study of Modern Europe from the reign of Louis XIV through the French Revolution. With additional work may be taken as a graduate course.

3 hours, first semester.

104. Modern European History.

MYERS

A study of Europe since the French Revolution. With additional work may be taken as a graduate course.

3 hours, second semester.

105. History of Greece.

WARD

A general survey of the history of Greece, closing with the career of Alexander the Great.

3 hours, first semester.

106. History of Rome.

WARD

A general survey of the history of Rome to the fall of the western empire.

3 hours, second semester.

107. South American History.

CLELAND

A survey of the political, social and economic development of the South American Republics during the nineteenth and twentieth centuries.

3 hours, first semester.

109. History of Mexico.

CLELAND

A study of the political development of Mexico.

2 hours, first semester.

110. History of Mexico.

CLELAND

A study of the economic and social development of Mexico.

2 hours, second semester.

112. The United States and Hispanic America.

CLELAND

A survey of international relations.

3 hours, second semester.

113. History of California.

HARDY

The period of Spanish-Mexican rule, American annexation, progress as a state.

115-116. History of England.

HARDY

3 hours, second semester.

A study of English institutions and of the development of the British Empire.

2 hours, throughout the year. (4 units).

118. The Pacific Ocean in History.

HARDY

A study of the Pacific area, with special emphasis upon the relations of the United States and the nations bordering upon the Pacific.

3 hours, first semester.

GRADUATE COURSES

With additional work courses 101, 102, 103, 104, 107, 109, 110, 112, and 113 may be taken for graduate credit.

201. Teachers' Course.

See Education 201.

2 hours, second semester.

202. The United States and Mexico, 1880-1910.

CLELAND

A study of diplomatic and economic relations.

Open only to graduate students and to a limited number of properly qualified seniors.

2 hours, first semester.

203. The United States and Mexico, 1910-1924.

CLELAND

A study in recent international relations.

Open only to graduate students and to a limited number of properly qualified seniors.

2 hours, second semester.

220. Thesis for Master of Arts Degree.

Not to exceed four units.

HYGIENE AND PUBLIC HEALTH

Associate Professor Hodgdon

Mrs. Bird, Instructor

Attention is called to Zoology 8 and 8L, and 107.

LOWER DIVISION COURSES

2. Personal Hygiene and First Aid.

STEARNS

Primarily for Freshmen.

2 hours, second semester.

3. Public Health and Sanitation.

SELLE

Not counted toward lower division requirement in science.

Given in alternate years. Given in 1925-26.

2 hours, first semester.

4. Domestic Hygiene and Practical Nursing.

BIRD

Instruction and demonstration in home care of the sick, infant care, preservation of health, bandaging, first aid, and Swedish massage.

Open to women.

2 hours, first semester.

5. Dietetics and Cookery.

BIRD

A study of foods and food values, of the chemistry and physiology of digestion and of the varying requirements of the individual.

Preparation and service of practical dietaries.

Open to women.

Prerequisite, one year in chemistry.

2 hours of lecture and 2 laboratory periods of two hours each.

Second semester. (4 units).

UPPER DIVISION COURSES

104. Growth and Development of the Child.

STEARNS

3 hours, first semester. (3 units).

110. School Hygiene and Methods of Hygiene Teaching

STEARNS

Open to undergraduates of advanced standing and to graduate students.

Prerequisite 104.

3 hours, second semester.

LATIN

Professor Lowther

Major. Eighteen units in the upper division.**Minor.** Six or more units in the upper division.

Prerequisite to major and minor: courses 5, 6, and 9.

LOWER DIVISION COURSES

1-2. Elementary Course.

Grammar, reading of simple prose and of selections from Caesar, elementary prose composition. The equivalent of the first two years of high school Latin.

5 hours, throughout the year. (10 units)

3-4. Intermediate Course.

Selections from Cicero and from Virgil's Aeneid, books 1-VI, prose composition. The equivalent of the third and fourth years of high school Latin.

Prerequisite, course 1-2, or two years of high school Latin.

3 hours, throughout the year. (6 units)

5. Cicero or Livy.

Cicero: *De Senectute* or *De Amicitia*, or selections from Livy, books XXI-XXII.

Prerequisite, four years of high school Latin, or courses 1-2, 3-4. Preceded by course 3-4, may be counted as upper division credit.

3 hours, first semester.

6. Horace.

Odes and Epodes, to which certain of the Satires may be added. Lyric meters.

Prerequisite, four years of high school Latin, or courses 1-2, 3-4. Preceded by course 3-4, may be counted as upper division credit.

3 hours, second semester.

10. Prose Composition.

Emphasis is laid on the principles of connected discourse. Review of forms and syntax. Course 10, or equivalent, must be taken as a prerequisite of course 201.

Prerequisite, course 3.

2 hours, second semester.

UPPER DIVISION COURSES

Courses 5 and 6 are prerequisite to all upper division courses in this department. Such of these are offered each year as the preparation and needs of the students determine.

101. Latin Comedy.

Plautus: *Captivi*, *Trinummus*. Terence: *Phormio*. Meters, early forms and constructions, Greek and Roman life.

3 hours, first semester.

102. Lyric and Elegiac Poetry.

Selected poems of Catullus, Propertius, Tibullus, and Ovid. Catullus will be made the subject of special study.

3 hours, second semester.

103. Tacitus and Pliny.

Tacitus: *Agricola* and *Germania*. Pliny: selected Letters. A general survey of the Silver Age in Latin literature.

3 hours, first semester.

104. Juvenal and Martial.

Selected Satires of Juvenal and Epigrams of Martial. Lectures and collateral reading on the life and society of the period.

3 hours, second semester.

105. Virgil.

Selections from the Eclogues and Georgics, and from the Aeneid, books VII-XII, with special attention to the author's poetic art and genius.

3 hours, first semester.

201. Teachers' Course.

See Education 201.

2 hours, second semester.

MATHEMATICS

Professor Allen

Assistant Professor Morse

Assistant Professor ———

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1, 2, 3, and 4.

Technical Drawing 15-16 and 117-118, and Physics 123-124 are credited in this department.

LOWER DIVISION COURSES

1. Plane and Spherical Trigonometry.

Prerequisite, elementary algebra and plane geometry.

3 hours, first semester.

2. Solid Geometry.

Prerequisite, elementary algebra and plane geometry.

3 hours, second semester.

3. College Algebra.

ALLEN

Includes the development and application of the binomial theorem and of the exponential and logarithmic series, permutations and combinations, and the theory of equations.

Prerequisite, elementary algebra and plane geometry.

3 hours, first semester.

4. Plane Analytics.

ALLEN

A study of analytic methods, the analytic geometry of the straight line, the circle, and the conic sections, and investigation of the general equation of the second degree.

Prerequisite, trigonometry.

3 hours, second semester.

5. Surveying.

MORSE

A study of the elementary operations employed in making surveys for engineering work, including the use, care, and adjustments of instruments, linear and angular measurements, note keeping, and field methods.

Prerequisite, course 1.

3 hours, first semester.

6. Advanced Surveying.

MORSE

Plane table surveys, topographic surveys, base line measurements, triangulation, curves, cross-section surveys and earthwork estimates, mapping, and the solution of problems.

Prerequisite, course 5.

3 hours, second semester.

7. Theory of Equations.

ALLEN

The theory of determinants; the theory, analysis, and solution of higher numerical and algebraic equations.

Prerequisite, courses 1 and 3.

2 hours, first semester.

11. General Astronomy.

ALLEN

A course in descriptive astronomy. Study of nebulae, planets, and constellations, with the telescope.

Prerequisite, trigonometry.

3 hours, first semester.

UPPER DIVISION COURSES

These will be counted as upper division courses only when preceded by 1, 2, 3, and 4, but may be taken as lower division courses with the prerequisites named below.

121. Differential Calculus.

ALLEN

The principles and formulae of differential calculus and the application to such problems as maxima and minima, indeterminate forms, expansion of series, etc.

Prerequisite, courses 3 and 4.

3 hours, first semester.

122. Integral Calculus.

ALLEN

The principles and formulae of integral calculus, with application to problems in integration, such as lengths of curves, areas, volumes, etc.

Prerequisite, course 121.

3 hours, second semester.

125. Advanced Calculus.

ALLEN

A more advanced study of the principles of Differential and Integral Calculus and their applications to many problems, such as curve analysis, envelopes, points of contact, volume of solids, moment of inertia, center of gravity, pressure of liquids, etc. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite, courses 121 and 122.

3 hours, first semester.

126. Differential Equations.

ALLEN

A study of the nature, meaning, and the solutions of ordinary and partial differential equations and the application of differential equations in the solution of problems in Mechanics and Physics. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite, courses 121 and 122.

3 hours, second semester.

128. Higher Analytics.

ALLEN

A more advanced course than course 4, including a study of higher plane curves and the elements of solid analytic geometry.

Prerequisite, course 4.

3 hours, second semester.

130. Practical Astronomy.

ALLEN

Lectures and instrumental work. The determination of time, latitude and longitude, and the computation of current eclipses and occultation of stars.

Prerequisite, courses 2, 4, 11.

3 hours, second semester.

201. Teachers' Course.

ALLEN

See Education 201.

2 hours, one semester.

PHILOSOPHY AND PSYCHOLOGY

PHILOSOPHY

Professor Burt

Professor Wieman

Assistant Professor Wright

Major. Eighteen units in the upper division.**Minor.** Six or more units in the upper division.

Prerequisite to the major and minor: courses 3, and 11-12, and Psychology 2. Those intending to major in Philosophy will take 11-12 in the freshman year.

Courses 103, 105, 106, and 119 may be credited in Religion and Ethics.

LOWER DIVISION COURSES

3. Logic.

BURT

The principles of inductive and deductive logic are studied and applied in practical work. Special attention is paid to the several types of fallacy.

Prerequisite, sophomore standing.

3 hours, first semester.

11-12. Introduction to Philosophy.

WRIGHT

A study of the objectives of human living. Freshmen intending to major in Philosophy should elect this course.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Courses 3, and 11-12 and Psychology 2 are prerequisite to all upper division courses in this department.

101. History of Ancient Philosophy.

WRIGHT

3 hours, first semester.

102. History of Modern Philosophy.

WRIGHT

3 hours, second semester.

103. Ethics.

WRIGHT

Ethical principles set forth through an examination of human nature and society.

3 hours, first semester.

105. Philosophy of Religion.

WIEMAN

The meaning of God in human experience. Open to advanced undergraduates and to graduate students.

3 hours, first semester.

106. Comparative Religion. BURT

A brief study of the great religions of the world with reference to their influence upon life and civilization.

Prerequisite, junior standing; Psychology 2.

2 hours, second semester.

112. Philosophy of Law. WIEMAN

A study of the social and ethical functions of law. Not given in 1925-26.

3 hours, second semester.

113. Seminar—Immanuel Kant. WRIGHT

His critical philosophy.

2 hours, first semester.

114. Seminar—Modern Contemporary Philosophy. WRIGHT

2 hours, second semester.

119. Metaphysics. WIEMAN

A formulation of the concepts of matter, life, mind, and God in their relations to one another. Open to advanced undergraduates and graduate students.

3 hours, second semester.

PSYCHOLOGY

Assistant Professor Crawley

Minor. Six or more units in the upper division.

Prerequisite to the minor: courses 2 and 22, and Philosophy 11-12.

LOWER DIVISION COURSES

2. Introductory Psychology. CRAWLEY

A course intended to acquaint the beginning student of psychology with the field in general. Open to Freshmen only upon approval of the department.

3 hours, either semester.

22. Advanced Psychology. CRAWLEY

The main issues of contemporary psychology, as shown especially by current writings, will be studied in their relationship to the historical development of the science.

3 hours, second semester.

UPPER DIVISION COURSES

121-122. Experimental Psychology. CRAWLEY

An elementary laboratory course introducing the student to the various methods of psychological investigation and technique.

2 hours, throughout the year. (4 units)

123. Applied Psychology.

CRAWLEY

A general course intended to show the application of the psychological attitude in business, religion, law, art, and education.

3 hours, first semester.

124. Social Psychology.

CRAWLEY

A course dealing especially with the reactions of the individual to a socialized environment.

3 hours, second semester.

125. Educational Psychology.

CRAWLEY

Introducing the student to the major problems of educational psychology. Current periodicals will be used extensively, as well as selected experiments in the field of the psychology of learning.

3 hours, first semester.

126. Mental Measurements.

CRAWLEY

An introduction to the field of mental measurements. The nature and use of standard tests will be studied.

3 hours, second semester.

127. Psychological Research.

CRAWLEY

Specific problems or investigations are taken up by the student under supervision of the department.

Prerequisite, course 121-122.

1 or 2 units, either semester.

PHYSICAL EDUCATION FOR MEN

Professor Pipal

Doctor Sawyer

Director Nichols

Mr. Daugherty

Major. A minimum of eighteen units in the upper division, including courses 103, 105, 106, 115-116, 127, and Hygiene 104.

Minor. Six or more units in the upper division.

Prerequisite to major or minor: courses 1a, 2a, 3a, 4a, 1b, 2b, 3b, 4b, 5, 6, and Zoology 1-2, and 1L-2L. Zoology 8 and 8L, Hygiene 3, and Psychology 2 are prerequisites to the Teacher's Course.

The work in this department is designed to encourage proper habits of health, to improve bodily control and strength, to stimulate the development of mental and physical alertness and poise, to establish habits of regular exercise, and to give an experience in various kinds of competitive and recreative sports that will be useful in after life.

A physical examination is given all Freshmen at the beginning of the year, on the basis of which advice is given as to the type of physical activity each should take and the special corrective exercises fitting to particular cases.

A medical examination by the College Physician is also required, in the first semester of each year, of all men enrolled in the College for the first time. In this examination special attention is given to the eyes, ears, heart, and lungs. The results of these examinations are recorded and with suggestions are turned over to the Physical Education Department for reference in assigning corrective exercises for the individual.

Four lectures each semester on subjects dealing directly with the preservation of health will be given by the College Physician. Attendance upon these lectures is required for credit in the Physical Education Department.

Students have free medical consultation at hours appointed by the Physician.

A special teacher's course is offered in this department to those desiring to enter the field of Physical Education as athletic directors or coaches.

LOWER DIVISION COURSES

1a-2a. General Gymnastics or 1b-2b. Intra-Mural or Varsity Sports. PIPAL

Required of freshmen.

2 hours, throughout the year. (1 unit)

3a-4a. General Gymnastics or 3b-4b. Intra-Mural or Varsity Sports. PIPAL

Required of sophomores.

2 hours, throughout the year. (1 unit)

5-6. Active Participation in Athletics. NICHOLS

Open to advanced undergraduates and graduate students.

2 years. (2 units)

8. Personal Hygiene and First Aid. DAUGHERTY

Not given in 1925-26.

2 hours, second semester. (2 units)

UPPER DIVISION COURSES

Taken in conjunction with the required physical education courses for freshmen and sophomores and the lower division prerequisites as outlined above, the following courses, with the addition of Zoology 7, Hygiene 104, and Education 119 and 130, constitute a

teacher's course in directing and coaching athletics. Students who complete this course are eligible to apply for special state credentials for teaching this subject in the high schools. Those who desire to elect the course should consult the department.

101. History and Development of Physical Education. PIPAL
Open to both men and women. Given in alternate years. Given 1925-26.

2 hours, second semester. (2 units)

103. Theory of Teaching and Leadership. DAUGHERTY
Given in alternate years. Offered 1925-26.

2 hours, first semester. (2 units)

105. Applied Methods in Formal Activities. HODGDON
3 hours, second semester.

106. Administration of Physical Education Program in Secondary Schools. DAUGHERTY

Given in alternate years. Offered 1925-26.

2 hours, second semester. (2 units)

108. Physiology of Exercise. PIPAL
Prerequisite, Zoology 8 and 8L. Given in alternate years. Not given 1925-26.

2 hours, second semester. (2 units)

109. Kinesiology and Applied Anatomy. HODGDON
Prerequisite, 112.

2 hours, first semester.

115-116. Methods in Play Activities. PIPAL
Technique of coaching and system of organization of athletics
Open to men majoring in this department.

2 hours, throughout the year. (4 units)

127. Practice Teaching. PIPAL
No credit toward graduation.

5 hours, either semester.

129. Methods in Corrective Gymnastics DAUGHERTY
Given in alternate years. Not offered 1925-26.

2 hours, first semester.

PHYSICAL EDUCATION FOR WOMEN

Associate Professor Hodgdon

Miss Stearns

Major. A minimum of eighteen units in the upper division, including courses 102, 103, 104, 105, 106, 109, and 113.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1a, 2a, 3a, 4a, 5, 9, 10, and Zoology 1-2, 1L-2L, 8, 8L, and Hygiene 2, and 3.

It is the aim of this department to correct physical defects, to encourage equal development of mind and body by promoting vigorous health, to develop leaders in club and church recreation and in playground, and to train physical directors for educational institutions. A physical examination is given each student at the beginning of each year.

All applicants for the State Special Credential in Physical Education should consult the department. Courses required for the Credential in addition to those for a major include course 128 and Psychology 2, Education 114 and 119, and if possible course 108, Hygiene 110, and Zoology 7.

A fee of two dollars is required for enrollment in any of the courses numbered 1 to 8.

LOWER DIVISION COURSES

1a-2a. Gymnastics. HODGDON

Required of Freshmen. Section 1, regular; Section 2, corrective.
2 hours, throughout the year. (1 unit)

3a-4a. Gymnastics. HODGDON

Required of Sophomores. Section 1, regular; Section 2, corrective.
2 hours, throughout the year. (1 unit)

5. Sports. STEARNS

5a, Basketball, Hockey, Baseball; 5b, Tennis; 5c, Swimming.
2 hours, throughout the year. (1 unit)

7-8. Rhythmic Gymnastics. HODGDON

2 hours, throughout the year. (2 units)

9. Play Activities. STEARNS

Methods of organizing and conducting social and recreational activities in churches, clubs, and school playgrounds.
2 hours, first semester. (2 units)

10. Rhythmical Activities. STEARNS

Methods of teaching singing games, story plays, and folk dances.
3 hours, second semester. (3 units)

UPPER DIVISION COURSES

101. History and Development of Physical Education. PIPAL

Given in alternate years. Given in 1925-26.

2 hours, second semester.

102. Principles of Adaptation of Activities. HODGDON

The methods underlying the selection and adaptation of physical activity for varying ages and groups.

2 hours, first semester.

103. Theory of Teaching and Leadership. HODGDON

2 hours, second semester.

104. Applied Methods in Play Activities. STEARNS

Methods of coaching and organizing athletics.

3 hours, first semester.

105. Applied Methods in Formal Activities. HODGDON

Methods of conducting postural instructions, marching and gymnastic drills, and special corrective exercises.

3 hours, second semester.

106. Administration of Physical Education Department

DAUGHERTY

Given in alternate years. Given 1925-26.

2 hours, second semester.

108. Physiology of Exercise. PIPAL

The effect of exercise on the various organic activities of the human body.

Given in alternate years. Not given 1925-26.

Prerequisite, courses 14 and 14L.

2 hours, second semester.

109. Kinesiology and Applied Anatomy. HODGDON

A study of the joint and muscle mechanisms involved in ordinary physical activity.

Prerequisite, course 112.

2 hours, first semester.

113. Growth and Development of the Child. STEARNS

2 hours, second semester.

3 hours, first semester.

No credit toward graduation.

128. Practice Teaching. HODGDON

No credit toward graduation.

Open to Seniors.

5 hours, either semester.

129. Methods in Corrective Gymnastics. DAUGHERTY

Given in alternate years. Not given 1925-26.

2 hours, first semester.

PHYSICS

Professor Shedd

Assistant Professor Morse

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2, 1L-2L, 5-6, 5L-6L; differential and integral calculus. Recommended: a reading knowledge of French and German.

Chemistry 101-102 is credited in this department.

LOWER DIVISION COURSES

1-2. General Physics.

Must be accompanied by course 1L-2L.

Prerequisite, high school physics. For freshman, trigonometry completed or in progress.

3 hours, throughout the year. (6 units)

1L-2L. General Physics Laboratory.

Completion each semester of 15 experiments selected to meet the needs and purpose of the student. To accompany course 1-2.

1 laboratory period, throughout the year. (2 units)

5-6. Problems.

Problems in Physics.

Prerequisite, course 1-2 completed or in progress and facility with the slide rule.

2 hours, throughout the year. (4 units)

5L-6L. Problems: Laboratory.

Laboratory to accompany course 5-6.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

121-122. Theory of Electricity and Magnetism.

First semester, direct current work; second semester, alternating current work. Recitations, problems, and reports on special assignments.

3 hours, throughout the year. (6 units)

121L-122L. Electricity, Magnetism: Laboratory.

1 or 2 laboratory periods, throughout the year. (2 or 4 units)

123-124. Theoretical Mechanics.

MORSE

Requires a knowledge of differential and integral calculus.

3 hours, throughout the year. (6 units)

125. Theory of Light.

The fundamental principles of mirrors, prisms, and lenses. Optical instruments and theories of light.

2 hours.

125L. Light Laboratory.

To accompany course 125.

1 or 2 laboratory periods. (1 or 2 units)

127. Theory of Waves and Wave Motion.

Begins with the consideration of the theorems of acoustics and continues with a study of waves used in radio communication. Open to seniors and graduate students.

Prerequisite courses 121-122.

2 hours, one semester.

127L. Waves and Wave Motion: Laboratory.

To accompany course 127.

1 or 2 laboratory periods, one semester. (1 or 2 units)

128. Theory of Heat.

The determination of heat constants. Elements of thermodynamics.

2 hours.

128L. Heat Laboratory.

To accompany course 128.

1 or 2 laboratory periods. (1 or 2 units)

132. Precision of Measurements and Graphic Methods.

Requires a knowledge of differential and integral calculus.

2 hours.

133-134. Seminar.

1 hour, throughout the year.

135-136. Introduction to Modern Theories of Physics.

Open to seniors and graduate students.

3 hours, throughout the year. (6 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

POLITICAL SCIENCE

Professor Bird

Assistant Professor Bonelli

Major. A minimum of eighteen units in the upper division, including courses 207, 208, and either 115-116 or 117-118. Certain related courses in Economics and History may be credited toward the major.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: Political Science 1-2 and either Economics 1-2 or a year course in History. It is recommended that all students majoring in the department, especially those who expect to pursue graduate work, should equip themselves with a reading knowledge of Latin, French, or German.

LOWER DIVISION COURSES

101. American Political Institutions.

BONELLI

An introductory course in the history, theory, and functioning of government. Special emphasis given to American government and problems of citizenship. The course meets the requirements for graduation, as prescribed by Act of Legislature, regarding American Institutions.

3 hours, throughout the year. (6 units)

11. Elementary Jurisprudence.

BONELLI

A non-technical study of the general principles underlying all municipal and international law.

3 hours, first semester.

12. Business Law.

BONELLI

A course dealing with those principles of law which are of value to the business man, including Contracts, Agency, Partnership, Corporations, Negotiable Paper, and Sales.

3 hours, second semester.

UPPER DIVISION COURSES

Twelve units in the social sciences, together with junior standing, are prerequisite to all upper division courses in this department.

1-2. Principles of Government.

BIRD

A general historical and interpretative study of the principles, framework, and functioning of our national government as outlined by the Constitution. Designed to meet the requirements of an act of the Legislature requiring the course of all candidates for a degree or Teacher's Credential.

3 hours, either semester (2 hours in Extension).

102. State and Local Government in the United States.

BONELLI

The problem of federalism, principles of state constitutions, the political system of the states, organization and functions of state, county, town, and municipal government; state and local administrative problems.

3 hours, second semester.

103. American Diplomacy.

BIRD

The history, principles, and conduct of American foreign relations.

3 hours, first semester.

104. International Organization.

BIRD

The history of international relations; the rise of nationalism; modern diplomacy, growth of the treaty system and international law; development of international arbitration, conferences, and administrative agencies; projects for international federation; the League of Nations and its work.

3 hours, second semester.

106. Political Parties and Practical Politics.

BONELLI

A study of the origin, growth, policies, and the operations of American political parties in their relation to the state.

3 hours, second semester.

111. Governments and Politics in Europe.

BIRD

A comparative study of the chief governments of Europe with especial attention to the present trend of European politics. Given in alternate years. Not given in 1925-26.

2 hours, first semester.

112. The New European Constitutions.

BIRD

Analysis of the fundamental laws of European states adopted since the World War, and consideration of recent developments in political and social democracy. Given in alternate years. Not given in 1925-26.

2 hours, second semester.

113-114. Contemporary World Politics.

BIRD

Each semester a limited number of current political problems of international importance is selected for intensive study. A fee of two dollars is charged each semester to cover the cost of periodicals and scientific journals used as a basis for the work.

Prerequisite: completion of twelve units of upper division work in Political Science, Economics, or History.

2 hours, throughout the year. (4 units)

115-116. International Law.

BIRD

A study of principles and cases under the customary Law of Nations dealing with the law governing states in their normal relations and in the relations of war and neutrality. Given in alternate years. Not given in 1925-26.

2 hours, throughout the year only. (4 units)

117-118. Constitutional Law.

BONELLI

A study of the Constitution of the United States as expanded by judicial interpretation. Attention is given to federal and state judicial systems as they involve the federal Constitution. Given in alternate years. Given in 1925-26.

2 hours, throughout the year only. (4 units)

119. Admiralty Law.

BONELLI

A course offering specific preparation for those who wish to enter the diplomatic or consular service, and of general value to those planning to enter the field of foreign trade. Not given in 1925-26.

2 hours, first semester.

123. Municipal Administration.

BONELLI

A practical study of city problems with special reference to traffic regulation, zoning ordinances, annexations, building regulations, housing conditions, parks and playgrounds, and general problems of city growth. Not given in 1925-26.

2 hours, first semester.

124. Municipal Administration.

BONELLI

A study of the historical development of political, administrative, and financial problems of public ownership of utilities and services, including water, gas, electricity, and transportation. Given in alternate years. Not given in 1925-26.

2 hours, second semester.

129. Public Finance.

BONELLI

A study of budgetary science, principles of taxation, public credit, public expenditures, and financial administration. Attention is given to financial problems of the World War.

3 hours, first semester.

GRADUATE COURSES

With the approval of the instructor in charge, the following courses are open to undergraduates with advanced standing. Certain of the upper division courses may be elected for graduate credit.

201. Teachers' Course.

See Education, 201.

2 hours, first semester.

203. Socialism.

BIRD

Consideration of the theory, application, and limits of Socialism and concurrent movements away from Capitalism. Given in alternate years. Given in 1925-26.

2 hours, first semester.

204. Problems of Democracy.

BIRD

An examination of such problems as those of public opinion, of sovereignty, of representative government, of civil liberty, of class conflict, and of nationalism. Given in 1925-26.

2 hours, second semester.

207. History of Political Thought.

BIRD

A critical study of selected writings of ancient and medieval times.

2 hours, first semester.

208. History of Political Thought.

A study of modern developments and tendencies in political theory.

2 hours, second semester.

211-212. Seminar in American Government and Politics. BONELLI

An investigation of selected topics.

Admission by special arrangement with the instructor.

1 or 2 hours, throughout the year (2 or 4 units).

213-214. Seminar in World Politics.

BIRD

An investigation of selected topics in international relations and comparative government.

Admission by special arrangement with the instructor.

1 or 2 hours, throughout the year. (2 or 4 units).

220. Thesis for Master of Arts Degree.

Not to exceed four units.

RELIGION AND ETHICS

President Bird

Professor Erdman

Professor Carruthers

Professor Wieman

Assistant Professor Wright

Members of Other Departments and Lecturers

The work of this department, formerly offered under Religious Education, now consists of three divisions: Biblical Literature, courses 1-10 and 100-110; Religious Interpretation, courses 20-30 and 120-130; Religious Education, 31-40 and 131-140.

A two-hour course, with at least two credits must be taken in this department one semester each year spent at Occidental. Freshmen will take course A in the first semester.

Major: Eighteen units in upper division; and in lower division twelve units, including Course A, two or more units of Biblical Literature, two or more of Religious Education, and choice from Philosophy II-12, Psychology 2, Greek 12, Political Science 1-2, History I-2.

Minor: Six units in upper division; and in lower division same as for major.

The following courses are credited in this department: Greek 11, 12; Philosophy 103, 105, 106 and 119.

LOWER DIVISION COURSES

A. Introduction to Religion and Ethics. WIEMAN

This will be a survey of the chief interests of human living, treated under the heads of association, thinking, aesthetic appreciation, morals and religion.

Required of all freshmen.

2 hours, first semester.

1. Life of Jesus. ERDMAN

A study of the Four Gospels.

2 hours, first semester.

2. Life and Letters of Paul. ERDMAN

A comprehensive study of Paul's life and teachings as recorded in the Acts of the Apostles and in the Epistles.

2 hours, second semester.

3. Old Testament History. ERDMAN

Studied with reference to the development of the life, social institutions and religious teachings.

2 hours, first semester.

4. Isaiah and the Minor Prophets. ERDMAN

A study of these prophets in their historic setting and social background.

2 hours, second semester.

31. Missions and National Christian Service. CARRUTHERS

A cooperative course on Missions and an introduction to typical National Christian Service Vocations, using biographical methods, supplemented by lectures delivered by individuals experienced in their respective fields of Christian world service.

2 hours, first semester.

32. Religious Education: Facts and Forces in the World Today.

CARRUTHERS

I. Religious Education in different religions, as Hinduism, etc.; II. In European nations, as Russia, France, etc.; III. In non-Protestant sects, as Roman Catholic, Mormonism, etc.; IV. In Protestant sects, as Lutheran, Presbyterian, etc.; V. Present-day Religious Education and Practical Materials for Service in Sunday School, Daily Vaca-

tion Bible School, Week-day School of Religion, Institutional Church, and Community Religious Educational Administration. Outside lecturers will be invited to treat parts of III, IV and V, including President Bird, Dr. Freeman, and denominational specialists.

2 hours, second semester.

UPPER DIVISION COURSES

107-108. **Biblical Interpretation.**

ALLISON

Interpretation of selected parts of the Bible.

2 hours, either semester.

109. **Wisdom Literature of the Old Testament.**

ERDMAN

An intensive study of Job, Ecclesiastes and Proverbs, and a brief study of Ecclesiasticus and the Wisdom of Solomon.

2 hour, first semester.

110. **Christian Social Ethics.**

WIEMAN-CARRUTHERS-WRIGHT

This will be a treatment of the major problems confronting society as seen in the light of Christianity.

Prerequisite, Junior standing.

2 hours, second semester.

122. **The Psychology of Religion.**

WIEMAN

A study of the forms and significance of religious experience.

3 hours, second semester.

128. **Religion and Modern Thought.**

WIEMAN

The mutual bearings of scientific method, art and religion as they are presented in the life of today.

3 hours, second semester.

131. **Methods and Materials of Religious Education.** CARRUTHERS and Associates.

Topics will include: Methods and Materials; Organization and Administration; Psychology and Philosophy; Teacher Training and Home Religion; Week-day and Daily Vacation Schools; Surveys and Religious Experiments; Mission Education and Finance; Worship and Evangelism.

Open to Sophomores with vocational intentions in the field of Christian service.

2 to 4 hours, first semester.

132. **Applied Psychology in Religious Education.** CARRUTHERS

A course in the principles and methods of applied religious psychology, planned as a practical aid to church school teachers in their

problem of selecting, analyzing and using Bible materials appropriate to all departments, with particular emphasis on adolescent and senior teaching.

Open to sophomores if teaching in church, school or social planning.

2 to 4 hours, second semester.

133-134. Seminar. Special Topics.

CARRUTHERS

Hours to be arranged, either semester.

SPANISH

Professor Allison

Professor Bell

Assistant Professor Wiley

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division.

Prerequisite to the major or minor: courses 1-2 and 3-4 or their equivalent. The attention of students majoring in this department is called to History 107, 109-110, 112, and to Economics 142.

Under certain conditions courses 107 to 112 may be elected for graduate credit.

In all upper division courses, credit will be given for the work of either semester.

LOWER DIVISION COURSES

1-2. Elementary Spanish.

THE STAFF

A study of the essentials of grammar. Drill in pronunciation, reading, composition and conversation. Students with one year High School Spanish may enter this course the second semester.

5 hours, throughout the year. (10 units.)

3-4. Intermediate Spanish.

THE STAFF

Advanced grammar and composition, reading and conversation. Short stories. Geography of Latin America in Spanish, rapid review.

Prerequisite, course 1-2 or 2 years High School Spanish.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Certain courses of the upper division are given in alternate years.

101-102. History of Spanish Literature.

WILEY

A general survey of Spanish literature from the beginnings to the present time in its historical and cultural background, with a study

of important masterpieces. Either semester may be taken separately.

Prerequisite, course 3-4.

3 hours, throughout the year. (6 units.)

103-104. Advanced Composition and Conversation. ALLISON

Based on text books and magazine articles. Discussion in Spanish of current events, with special reference to Latin America. Commercial Spanish, the acquirement of a vocabulary for ready use in business, travel or for teaching.

Prerequisite, course 3-4, or 16 units in Spanish.

3 hours, throughout the year. (6 units)

105-106. Spanish American Literature. ALLISON

A study of some of the principal authors of Latin America. A survey of Spanish literature of the different periods and republics. Intended especially for those who expect to make a practical use of Spanish.

Prerequisite, course 3-4, or 16 units in Spanish.

3 hours, throughout the year. (6 units)

107. Nineteenth Century Drama.

A survey of the drama from the romantic period to the end of the century.

Prerequisite, course 3-4.

2 hours, first semester. (2 units.)

108. Nineteenth Century Non-dramatic Literature. WILEY

A study of nineteenth century literary currents in the novel, short-story, essay and lyric.

Prerequisite, course 3-4.

2 hours, second semester. (2 units.)

109-110. Contemporary Literature. WILEY

The "Generation of '98", and the twentieth century literary currents in prose and verse.

Prerequisite, course 3-4.

2 hours, throughout the year. (4 units.)

111. Prose of the Golden Age. WILEY

Types of narrative with special attention to Don Quijote, and the picaresque novel.

Prerequisite, course 3-4, and permission of the instructor.

2 hours, first semester. (2 units.)

112. Drama of the Golden Age. WILEY

Dramatists of the Siglo de Oro, especially Lope de Vega, Calderon, and Tirso de Molina.

Prerequisite, course 3-4, and permission of the instructor.

2 hours, second semester. (2 units.)

201. Teachers' Course.

ALLISON

See Education 201.

2 hours, second semester.

SPEECH EDUCATION

Professor Lindsley

Miss Gould, Instructor.

Minor. Seven units in the upper division chosen from the following sequences: two units from 100-104, three units from 110-115, and two units from 120-124.

Prerequisite to upper division courses: courses 1-2 or 1-14.

LOWER DIVISION COURSES

1. The Fundamentals of Speech.

LINDSLEY, GOULD

The voice and body as agents of expression. The principles of voice and action applied in oral discourse: breath control, voice placement, resonance, vowelization, grouping, emphasis, platform manner.

Prerequisite to all other courses in the department.

3 hours, either semester.

2. Public Speaking.

The selection, arrangement, and presentation of original speech materials. The general ends of speech, outlining, the principles of attention.

Prerequisite, course 1.

3 hours, second semester.

14. Oral Reading.

The elementary principles of oral interpretation; the assimilation and expression of thought and feeling; reading from memory and the printed page. May be substituted in the second semester for course 2.

Prerequisite to upper division courses in interpretation.

Prerequisite, course 1.

3 hours, second semester.

L

25. Parliamentary Practice.

Drill in the principles and practice of parliamentary procedure.

No prerequisite.

1 hour, first semester.

26. English Words.

The study of English words and their ways in English speech.

Vocabulary building; synonyms, antonyms, and prepositions. Lectures, written exercises, textbook assignments.

1 hour, second semester.

30. Voice and Speech Correction.

Treatment of speech disorders not considered in course 1. A special course for students who may possess speech defects that would prevent them from attaining credit in the Fundamentals of Speech. Also designed for foreign students.

No credit, either semester.

UPPER DIVISION COURSES

100. Advanced Public Speaking.

The principles of unity, sequence, emphasis, and movement applied in oral discourse. Audience adaptation; the principles of attention. Emphasis on wide reading and a comprehensive synthesis of materials.

Prerequisite, courses 1 and 2.

2 hours, first semester.

104. The Rhetoric of Oratory.

Building the oration. The principles of style in oral discourse. Study and analysis of oratorical models from Beecher, Curtis, Grady, Phillips, and Lincoln. This course should be elected by students working in the oratorical contests.

Prerequisite, course 100 or permission of instructor.

2 hours, second semester.

110. Argumentation and Debate.

An intensive course in the theory and practice of argumentation and debate. Phrasing propositions, analysis, briefing, evidence, reasoning. The principles of persuasion. Practice debates.

Prerequisite, courses 1 and 2.

3 hours, first semester.

115. Intercollegiate Debate.

For students who make positions on the debate squads. Sections for men and women.

1 to 3 hours, either semester.

118. Oral Interpretation of Literature.

A study of the physical and intellectual basis of expression. The interpretation of literary forms: lyric and narrative poetry, the essay, drama. For English majors.

Prerequisite, permission of instructor.

2 hours, first semester.

124. Dramatic Reading.

The study, analysis, interpretation, and class room presentation of scenes from modern plays. For advanced students.

Prerequisite, courses 1 and 14.

2 hours, second semester.

130-131. Play Production.

Principles of dramatic interpretation and characterization. Problems in play production. For students who wish to specialize in dramatic work. Meets in part the needs of prospective teachers of English and speech who may be called upon to direct plays.

3 hours, either semester.

150. Aims and Methods in Speech Education.

For prospective teachers of oral English and of speech education in the secondary schools. Lectures and demonstrations, outlined programs, and individual practice.

2 hours, second semester.

ZOOLOGY

Professor Esterly

Assistant Professor Selle

Doctor Comstock

Major. Eighteen units in the upper division.

Minor. Six or more units in the upper division, including 101L, and either 102 or 102L or 104 and 104L.

LOWER DIVISION COURSES

1-2. Principles of Zoology.

ESTERLY

Lectures and quizzes. A survey of the animal kingdom; classification; structures, habits, mode of life of various groups; heredity, genetics, eugenics; evolution; animal behavior. Students in the College-Hospital Course must take both 1-2 and 1L-2L in the freshman year. Open to all freshmen.

3 hours, throughout the year. (6 units.)

1L-2L. General Zoology Laboratory.

SELLE

A number of invertebrate types are studied, as well as the shark and salamander among vertebrates.

Prerequisite, course 1-2, completed or in progress.

2 laboratory periods weekly, throughout the year. (4 units)

7. Human Anatomy.

COMSTOCK

An outline of the structure of the human body; lectures, quizzes, demonstrations by charts, models, preparations.

Prerequisite, courses 1-2, 1L-2-L.

2 hours, second semester.

8. Human Physiology.

SELLE

Text-book lectures, outside reading.

Prerequisite, course 1, completed.

3 hours, second semester.

8L. Physiology Laboratory.

SELLE

Prerequisite, high school chemistry or equivalent, course 8 completed or in progress.

2 laboratory periods weekly, second semester. (2 units)

10. Entomology.

SELLE

Structure, habits, economic relations of insects. Given in alternate years. Given in 1925-26.

Prerequisite, course 1.

2 hours, second semester.

101. Comparative Anatomy of Vertebrates.

ESTERLY

Text-book, quizzes, demonstrations, term paper.

Prerequisite, courses 1-2 and 1L-2L.

101L. Mammalian Anatomy.

ESTERLY

A laboratory course dealing with the structure of the cat and the white rat.

Prerequisite, courses 1-2 and 1L-2L.

6 or 9 hours in the laboratory, first semester. (2 or 3 units)

102. Histology.

ESTERLY

Microscopic anatomy of the higher vertebrates. Text-book, collateral reading, and reports. Given alternately with course 104. Not given in 1925-26.

Prerequisite, course 101L.

2 hours, second semester.

102L. Histology Laboratory.

ESTERLY

Study of preparations of various tissues of higher vertebrates; training in preparing microscopic slides by different methods. Given in the same year as course 102.

Prerequisite, course 101L, course 102 completed or in progress.

6 hours in the laboratory weekly. (2 units)

104. Vertebrate Embryology.

ESTERLY

The development of the body. Text-book, models, collateral reading. Given in alternate years with course 102. Given in 1925-26.

Prerequisite, course 101L.

2 hours, second semester.

104L. Embryology Laboratory.

ESTERLY

Study of development of chick and pig; preparation of microscopic slides, including whole mounts and serial sections. Given in the same year as course 104.

Prerequisite, course 101L, course 104 completed or in progress.

6 hours in the laboratory weekly. (2 units)

105. Cytology.

SELLE

The structure and activities of cells. Given in alternate years; given in 1925-26.

Prerequisite, courses 1-2, 1L-2L, and at least Junior standing.

2 hours, first semester.

106. Medical Zoology.

SELLE

Structure, life cycles, habits of parasites of higher animals; relation to diseases. Text-book and demonstrations. Given in alternate years. Not given in 1925-26.

Prerequisite, courses 1-2, 1L-2L, and at least Junior standing.

2 hours, second semester.

107. Human Anatomy.

COMSTOCK

Prerequisite, courses 1-2, 1L-2L, 101L.

2 hours, second semester.

108. Human Physiology.

SELLE

Prerequisite, courses 1-2, 1L-2L, 101L.

3 hours, second semester.

108L. Physiology Laboratory.

SELLE

Prerequisite, high school Physics and Chemistry or equivalents, and course 101L, completed and 108 in progress.

6 hours in the laboratory weekly, second semester. (2 units.)

121L. Advanced Laboratory.

THE STAFF

The student works independently on a chosen topic, and the results are embodied in a paper at the end of the course. Open to seniors and graduate students.

Prerequisite, at least 6 units of upper division work, including course 101L, and either 102-102L or 104-104L.

3 or more hours in the laboratory weekly, first semester. (1 unit for each 3 hours).

201. Teachers' Course.

SELLE

See Education 201. Given in alternate years. Given in 1925-26.

2 hours, first semester. (2 units.)

GENERAL INFORMATION

DORMITORY FOR MEN

Men students planning to enter Occidental College may make application to the Dean to have their names placed on a list of applicants for rooms in James Swan Hall, a strictly fire-proof dormitory, heated by steam, lighted by electricity, and abundantly supplied with bathrooms and sleeping porches. A permanent list for choice and assignment of rooms is kept for each class; and as the order of names on the lists is determined by dates of application, students are advised to make early reservations.

A deposit of five dollars, to be applied on rental, is required at the time of application for a room. This deposit will not be returned in case of failure to occupy the room.

Rooms are rented at the rate of fifty dollars a semester for each occupant, or seventy-five dollars in the case of corner rooms. No contract is for less than a semester, and a student who seeks lodging elsewhere after the semester has begun is not thereby freed from any portion of the rental. Forfeiture of deposit does not imply the right of any registered student to cancel his contract for the rental of a room. When a student is compelled to withdraw from college on account of sickness, a reasonable refund will be made from the rental, which is payable in advance.

One student may engage one half of a double room, but if he names no roommate, the College reserves the right to assign the other half of the room to an applicant of its selection. The right to occupy a room is given only to the student to whom the room is assigned, and to his roommate. The occupants of a room are held responsible for any disorder occurring therein, and a breakage deposit of five dollars is required of every occupant of a room at the beginning of each semester. The residue of this deposit will be returned after deducting each student's pro rata of the damage sustained by the building and furniture during each semester.

The building has full janitor service. The College supplies furniture and bedding, an equal amount to each student, with sanitary laundering of the bedding. Occupants of rooms must furnish their own towels and provide for laundering them. The College furnishes light and heat.

The College reserves the right to exclude from the dormitory any undesirable occupant.

Residence in the dormitory insures convenient and comfortable housing and identifies the student with the social unity of the College in a manner not otherwise possible.

RESIDENCES FOR WOMEN

Orr Hall, the first of the Bertha Harton Orr residences for women, will be opened to students in September, 1925, on the Saturday preceding registration days. It will be closed the second day after commencement and also during the Christmas and spring vacations.

All freshmen women unless living with their parents or legal guardians, are required to live in Orr Hall. Under the present limitation of the freshman class to seventy-five, there is also room in the Hall for approximately twenty-five upper class women.

There are in the Hall single and double rooms, several suites of four rooms each, and rooms with sleeping porches. The single rooms vary in size. The charge for each individual is as follows: in the small single rooms one hundred and fifty dollars (\$150.00) for the college year; in the large single rooms and in the double rooms one hundred and seventy-five dollars (\$175.00); in the suites and rooms with sleeping porches two hundred dollars (\$200.00).

Students supply their own towels, sheets three-quarter size, and pillow cases, 22 inches wide. These should be distinctly marked with whole name. The laundry of these articles, not to exceed ten pieces per week, will be paid for by the college.

Rooms will be rented for the college year only, but if a student is compelled to withdraw because of sickness a reasonable refund will be made from the rental. No refund will be made if a student is dismissed because of being an undesirable resident. A deposit of ten dollars (\$10.00) should accompany an application for a room. It will secure a reservation and be retained as a breakage fund until the end of the college year, when deductions will be made for damages to building or furniture and the residue will be returned. Applications will take the date on which the fee is received.

Provision is made for board at a cafeteria under the direct management of the College.

Upper class women who cannot be accommodated in Orr Hall are provided for in a number of homes on the edge of the campus, each of which is presided over by a house-mother. The prices of these rooms range from twenty dollars (\$20.00) to thirty-two (\$32.00) a room, fully furnished. Unless a different arrangement has been made

with the house-mother when the student enters college, it is understood that these rooms are taken for a semester.

All applications for rooms in Orr Hall, and all arrangements for living in other houses are to be made through the office of the Dean of Women, where the lists of approved homes are filed.

THE COMMONS

The Commons is conducted under the supervision of the College. Regular meals are provided for the members of the College and the community. The luncheons, served on the cafeteria plan, accommodate the entire student body. The aim of the Commons is to convenience the students in procuring wholesome food at prices lower than those prevailing at the usual commercial establishments.

Certain social activities of the College and its community also find here a common center of interest. The various clubs within the student body and faculty, as well as those connected with the institution at large, as the Occidental Women's Club and Alumni Association, hold frequent dinners and social meetings in the rooms provided for these purposes.

The management employs student help wherever practicable, insuring a means of partial self-support to many students.

REGULATIONS REGARDING SOCIAL LIFE

The regulations governing the social life of the College are the result of faculty and student co-operation. Their object is to ensure comfort and safety and good citizenship in the college community. A copy of these regulations may be obtained from the dean.

COLLEGE ASSEMBLIES

The weekly College Assembly, the Student Assemblies, and the chapel exercises, characterize the unanimity of Occidental life. The student gatherings discuss and deal with all activities organized under the Student Body constitution, as well as other interests of student concern. The weekly Assembly is the formal convocation of the entire college. It is addressed regularly by eminent men and women, often of national and international recognition, on topics vital to our social structure. On other days of the week brief morning prayers are conducted in the Chapel.

RELIGIOUS PRIVILEGES

The purpose of Occidental College is to fit young men and women for life in its largest sense, under distinctively Christian influences. Various religious privileges, in addition to the formal chapel exer-

cises of the College, contribute to the atmosphere of Christian culture surrounding the student.

The Y.M.C.A. and the Y.W.C.A. are both represented by strong organizations, active and effective in student life. Their weekly meetings are addressed by influential speakers; definite work is carried on by both in social service; voluntary Bible and mission-study classes are maintained during the year. Both organizations assist new students in entering the social life of the College; each year they publish the *Handbook*, an official guide to Occidental traditions; each renders an important service through Self-Help Bureaus, conducted for the benefit of those who seek to earn a part of their expenses during the college year. Both societies are supported by a large majority of the members of the student body.

The Student Volunteer Band, a particularly strong organization, is a constant stimulus to the religious life of the College. Largely through its influence Occidental now has a representation of more than fifty men and women on foreign mission fields.

Churches in the vicinity of the College give special attention to student constituency, while the larger churches of the city offer religious privileges of exceptional merit.

STUDENT ORGANIZATIONS AND ACTIVITIES

THE ASSOCIATED STUDENTS OF OCCIDENTAL COLLEGE

The organization of the Associated Students of Occidental College, chartered under the student body constitution, controls all student enterprises. It functions through its Executive Committee, which is composed of the officers of the Association, the Graduate Manager, and one representative from each of the following: Alumni, Athletics, Faculty, Forensics, *The Occidental*, and the Associated Women Students. All students are members of the organization. By voluntary assessment, each member pays five dollars each semester to the College treasury as an Associated Student Fund, which is disbursed by the association in the furtherance and maintenance of various student activities. Each student in return receives a ticket to the various public games and entertainments, and in general shares in the benefits of the Association.

The officers and members of the Executive Committee for the year 1924-25 are:

Frank Bradshaw.....	President
Ella Anderson.....	Vice-President
Alice Gates.....	Secretary

Fred F. McLain.....	<i>Graduate Manager and Alumni Representative</i>
Helen Ingledue.....	<i>President Associated Women Students</i>
Clarence Ebers.....	<i>Athletic Representative</i>
Robert Stevenson.....	<i>Oratorical Representative</i>
Kenneth Wilson.....	<i>Editor "The Occidental"</i>
Dr. W. D. Ward.....	<i>Faculty Representative</i>

THE ASSOCIATED WOMEN STUDENTS

The Associated Women Students, an organization to which all women students automatically belong, fosters and promotes those college interests with which its members as a unit are particularly concerned. It sponsors all forensic and athletic and much of the social activity of women students. Through it the upper class women try at the beginning of the year to establish right social relationships for those women entering college. Its organization consists of an executive board and of a senate. It annually elects The Women's Tribunal, a court composed of six members from the upper classes, which is especially devoted to the maintenance of the traditions and ideals of the college. The president is *ex-officio* a member of the Executive Committee of the Associated Students, and of the Student Affairs Committee.

The organization is a member of the Southern California Inter-collegiate Conference of Associated Women Students, and of the Western Section of the General Association of Women Students.

The officers for the year 1924-25 are:

Helen Ingledue.....	<i>President</i>
Louise Huston.....	<i>Vice-President</i>
Jean Davidson.....	<i>Secretary</i>
Marianna Osborne.....	<i>Treasurer</i>
Elsie Thompson.....	<i>Oratorical Representative</i>
Grace Giffin.....	<i>Athletic Representative</i>

FORENSICS

The College offers those students interested in forensics ample opportunity to engage in its various activities. Both the men and the women students maintain collegiate membership in intercollegiate debating, oratorical and extemporaneous speaking leagues among the colleges of Southern California. The colleges commonly included in the conferences are: California Institute of Technology, Pomona, Redlands, University of California in Los Angeles, University of Southern California, Whittier and Occidental. Annually

the men's debating teams meet those of representative institutions in other sections of the country.

Chapters of Tau Kappa Alpha and Pi Kappa Delta, national honorary forensic societies, are well established in the College.

THE BOOK STORE

The Occidental Book Store, an Associated Student enterprise conducted under the Graduate Manager, furnishes text-books and student supplies at rates below the usual retail prices. It also provides a medium through which students may dispose of used text-books. All profits from the store go to the support of student activities.

STUDENTS PUBLICATIONS

The Colloge newspaper, *The Occidental*, edited and managed by an organized staff of the students of the College, appears weekly during the college year. The student annual, *La Encina*, is published in May by the junior class. The Press Club issues *The Sabre Tooth*, a literary magazine containing the work of students. A *Handbook* of information is issued at the beginning of each year by the Y.M.C.A. and Y.W.C.A.

ATHLETICS

As a part of the work of the department of Physical Education, various forms of competitive intercollegiate athletics are engaged in by the College. The Southern California Conference, composed of California Institute of Technology, Pomona, Redlands, Southern Branch of the University of California, Whittier, and Occidental, annually officially schedules games in the various sports under conference rulings. Games in the major sports are also scheduled with teams outside of the Conference.

THE GLEE CLUB

Both the men and the women of the College maintain Glee Clubs. Membership in each is based upon ability shown in competitive trials at the opening of the college year. Besides furnishing music at the various exercises of the College, each Club annually gives a concert. During vacations, the Men's Club regularly visits a number of towns and cities within the State. Each Club contributes in notable degree to the social and artistic life of its members and to the musical interests of the College.

MODERN LANGUAGE CLUBS

Le Cercle Francais and El Circulo Español are two social organizations of the students who are studying French and Spanish re-

spectively. The object of each is to familiarize its members with conversational use of the language and the culture of its people.

OTHER STUDENT SOCIETIES

The literary societies maintained by the students of the College include Press Club, the Forum, composed of men, and Dial and Laurean, composed of women.

The scientific and professional societies include the Burke Economics Club, Pi Epsilon Pre-Engineering Society, the Pre-Legal Society, the Science Club, and Theta Pre-Medic Fraternity.

Societies interested in art are Arden Dramatic Society, The Daubers, and Theta Alpha Phi, national honorary dramatic fraternity.

Social organizations, among both men and women, maintain themselves in the College. In 1922 the faculty ruling against national fraternities was removed. All fraternities, including the various house clubs, are under the supervisory jurisdiction of a faculty Committee on Fraternities.

DEGREES CONFERRED IN 1924

HONORARY DEGREES

MASTER OF ARTS

John Adams Comstock

DOCTOR OF LAWS

Curtis Dwight Wilbur

Henry E. Huntington

MASTER OF ARTS

In Course

G. Nathan Allen

William G. Bonelli

Ella M. Craigmile

Cloyde D. Dalzell

Harriet A. Snyder

BACHELOR OF ARTS

Abbott, Nellie

Akey, Orinda

Argue, Clifford J.

Atkinson, Alice

Atkinson, Irene

Blydenstein, Elizabeth

Boice, Charles G.

Breeze, Dwight

Brooks, Ruth

Brown, **Leanora**

Carney, Lucille B.

Chaffee, Wilber A.

Clark, Wallace

Condit, Donald P.

Corbett, Isabella

Cosgrove, John C.

Crawford, Margaret

Crawford, Willie Mae

Czerniski, Lorine

Danilevitch, Eugene B.

Davis, Julia

Dean, Elizabeth S.

Ellsworth, Philip

Fowler, Doris

Jones, Edward H.

Kaljia, Elsie S.

Lalonde, Doris

Lindquist, Carl F.

Macpherson, Margaret V.

McCracken, Faith

McCunn, Gertrude

McGrath, Charlotte

McKee, Katharine Louise

Meese, Katherine

Moore, Merritt Hadden

Morrill, Evelyn

Morrow, Clair A.

Mussen, Mary Elizabeth

Norton, James C.

Palmer, Donald M.

Parkes, Florence

Parmenter, Alstine Foster

Paup, Marjorie Lois

Pier, Helen Louise

Pitcher, Marion

Reavis, Harold

Robinson, Ruby

Ruth, Virna

Garstang, Dorothy
Giffen, Ernest C.
Gilliland, Lloyd W.
Goodenough, Leroy J.
Goodlander, George B.
Hamilton, Herbert M.
Harlan, Leslie Luse
Harshman, L. Thurston
Haynes, Irving M.
Hege, Mildred
Holcomb, Georgia
Houghtaling, Mary E.
Imhoff, Myrtle
James, Edwarda L.
Johnson, Cornelia
Jones, Bernice

Scott, Margaret
Shaffer, H. Ross
Smith, Grace Williams
Spangler, John George
Stevens, Florence Mary
Subke, Walter C.
Tracy, Lois Virginia
Trinkkeller, Elsa Marie
Trundy, Dorothy M.
Wagner, Harold
Walker, Elizabeth
Weeks, Evelyn
White, Emily O.
Wilson, Georgia
Wilson, Margaret
Zellhoefer, Lillian

HONORS AWARDED IN 1924
CLASS HONORS

FIRST FRESHMAN

Blasingham, Marion
Evans, Stanley
Galarza, Ernest
McDonald, Ruby
Ritchie, Ethel

SECOND FRESHMEN

Billheimer, Ruth
Cady, Earl
Clarke, Evelyn
Crawford, Jean
Doran, Herbert
Gloyn, Cyril
Henshaw, Francis
Kizer, Beatrice
Reigart, Richard

FIRST SOPHOMORE

Lytle, Elinore

SECOND SOPHOMORE

Chandler, Edwin
Gilbert, Dorothy
McCunn, Annie Grace
Potter, Dorris
Sutherland, Genevieve
Triplett, Ruby
Wallace, Margaret
Wheat, Lauretta

FIRST JUNIOR

Allison, Neva
Gustafson, Ruth
Hunt, Ethel
King, Marchant
McClain, Alva J.
Moore, Mary K.

Stevenson, Robert
Wadsworth, Guy
Zellhoefer, Mildred

SECOND JUNIOR

Bohland, Hilda
Finnell, Elmas
Garrison, Hazel
Gunn, Harriet
Kile, Virginia
Lowman, Oella
MacInnis, Mary
Statts, Beulah
Tanaka, Shizona

FIRST SENIOR

Corbett, Isabella
Ellsworth, Philip
Giffen, Ernest C.
Harlan, Leslie Luse
Harshman, Thurston L.
Jones, Bernice
Jones, Edward H.
Meese, Katherine Crosby

SECOND SENIOR

Clark, Wallace
Crawford, Margaret
Dean, Elizabeth Sheldon
Fowler, Doris
Hege, Mildred
Macpherson, Margaret
Parks, Florence
Pier, Helen Louise
Robinson, Ruby
Zellhoefer, Lillian

FINAL HONORS

FIRST

Corbett, Isabella
 Jones, Edward—Valedictorian
 Meese, Katherine—Salutatorian

SECOND

Ellsworth, Phillip
 Giffen, Ernest
 Harshman, Thurston
 Hege, Mildred
 Jones, Bernice
 Macpherson, Margaret
 Zellhoefer, Lillian

ELECTED TO THE HONOR SOCIETY

Clark, Wallace
 Corbett, Isabella
 Ellsworth, Phillip
 Giffen, Ernest
 Harshman, Thurston L.
 Hege, Mildred

Jones, Bernice
 Jones, Edward
 Meese, Katherine
 Robinson, Ruby
 Zellhoefer, Lillian

GRADUATE STUDENT

Bonelli, William G.

PRIZES IN RELIGIOUS EDUCATION

First Prize, \$25.00—Robert Stevenson, '25

Second Prize \$15.00—Lucile Campton, '25

Third Prize \$10.00—Stanley Evans, '27

PRIZE IN ACCOUNTING

\$50.00—Philip Ellsworth, '24

PRIZE IN ECONOMICS

\$25.00—Guy Wadsworth, '25

REGISTER OF STUDENTS

1924-1925

All home addresses are in the State of California and City of Los Angeles, unless stated to be elsewhere.

(1) First semester only; (2) second semester only.

GRADUATE STUDENTS

Atwood, Howell J.	138 N. Parkwood, Pasadena
A. B., Occidental College	
Breeze, Dwight	Newman, Calif.
A. B., Occidental College	
Brothers, D. R.	919 Annandale
B. A., Ohio Wesleyan Univ.	
Chapman, Olive M.	685 E. Orange Grove, Pasadena
A. B., Univ. of So. California.	
Clark, Ethel	219 Meredith Ave., Pasadena
B. A., Univ. of California	
Cook, Lawrence	1117 No. Avenue 54
A. B., Occidental College	
Corbett, Isabella	
A. B., Occidental College	
Flanigan, Daniel J.	1503 N. Raymond, Pasadena
A. B., Univ. of California	
Gould, Ellen	4876 La Roda
A. B., Coe College	
Gunning, Alma E.	1052 S. Harvard Blvd.
A. B., Univ. of So. California.	
Haussler, Anne	1818 New Jersey
B. A., Walla Walla College	
Hay, Florence	1125 Stratford Ave., South Pasadena
B. L., Univ. of California	
Himes, Mary E.	685 E. Orange Gr., Pasadena
A. B., Univ. of So. California.	
Hoak, Charlotte M.	1125 Stratford Ave, Pasadena
Ph. B., Univ. of California	
Lawson, Bruce	5687 Hub St.
A. B., Occidental College	
Meese, Katherine	1264 Summit, Pasadena
A. B., Occidental College	
Moore, Merritt	5327 Abbott Pl.
A. B., Occidental College	
² Nasatir, Esther	227 Mt. Washington Dr.
A. B., Univ. of California	
Limb, John	1962 Morton, Pasadena
B. S., Kansas State Teachers' College	
² Noyes, Harold J.	1661 N. Fair Oaks, Pasadena
B. Ph., University of Chicago	
Prior, Elizabeth F.	229 N. Sichel
A. B., M. A., Univ. of So. California	
² Richardson, Burt	319 N. Brand, Glendale
B. Ph., Yale University	

Robinson, Ruby	1169 Bresee, Pasadena
A. B., Occidental College	
Spangler, John	623 N. Ross, Santa Ana
A. B., Occidental College	
Turner, Grace M.	1901 Orange, Los Angeles
A. B., M. A., Univ. of So. California	
Weeks, Evelyn	1569 Munson
A. B., Occidental College	
Werner, Adelaide	2223 LaVerna Ave.
Ph. B., University of Chicago	
Williams, Don C.	218 Loma, Long Beach
A. B., Occidental College	
Zellhoefer, Lillian	320 N. Stillman, Alhambra
A. B., Occidental College	

SENIORS—CLASS OF 1925

Ahn, Leung-hwa	537 N. Hoover
Allison, Neva	627 E. Third, Long Beach
Anderson, Ella	1129 W. Kensington Rd.
Austin, Elizabeth	1110 E. Green, Pasadena
Bender, David	115 S. Fourth, Alhambra, Calif.
Blankenship, Margaret	1065 Hoffman, Long Beach
Bradshaw, Frank	688 E. St., San Bernardino, Calif.
² Briggs, Marie Ida	2626 Lake View Ave., Chicago
Brinegar, Marguerite	5203 Hermosa Ave.
Buckman, Phil	Box 15, Exeter, Calif.
Campton, Lucile	2933 Altura St.
Carter, Ernest	1599 Campus Rd.
Carter, Paul	3444 Larga Ave.
Chawner, William D.	765 Summit, Pasadena
Clark, Margaret	376 Franklin St., Napa, Calif.
Coons, Jessie	Box 343, Anaheim, Calif.
Cottrell, Frederick Wm.	Milford, Utah
Creighton, Carroll	1202 E. Thomas Rd., Phoenix, Ariz.
Creswell, Stanley	2130 Norwalk Ave.
Croswell, Bernice	4523 E. Broadway, Long Beach
Daniels, Esli	266 Lindaro, Long Beach
Davidson, Katherine	1143 N. Lake, Pasadena
Davis, Laurence	Woodlake, Calif.
Davis, Loring	Box 595, Exeter, Calif.
DeMandel, Ranier	2923 Washington Blvd., Santa Monica
¹ Eastman, Virginia	221 E. Mountain, Glendale
Ebers, Clarence	1124 Dawson Ave., Long Beach
Eckerman, Caroline	Covina, Calif.

Elliott, Mildred	Bronson, Iowa
Ellis, Leola	1715 W. Lewis, San Diego, Calif.
Ellis, Leone	1715 W. Lewis, San Diego, Calif.
Ellis, Ruth	1638 W. 45th St., Los Angeles
Enderle, Margaret W.	463 S. Los Robles, Pasadena
Erwin, Jennie	El Monte, Calif.
Feaver, Marian	Fowler, Calif.
² Finnell, Elmas	196 Oakland, Pasadena
Fisk, Alfred	1865 Campus Rd.
Fulton, J. Elton	Ojai, Calif. Box 335
Garrison, Hazel	1100 N. Michigan, Pasadena
Gates, Alice	515 Monterey Rd., South Pasadena
Gertmenian, Grace	919 Columbia St., Pasadena
² Leishman, Esther	346 S. Malabar
Green, Edith V.	326 W. Kalmia St.
Gunn, Annabel	2225 Las Colinas
Gunn, Harriet	2145 Norwalk
Gustafson, Ruth	830 G. St., San Bernardino, Calif.
Hargrave, Edgar	Yorba Linda, Calif.
Harper, Howard E.	214 N. Ridgewood
Hayslip, Helen	1300½ S. Fremont, South Pasadena
Henry, Helen	36 N. Wilson, Pasadena
Hess, Jesse W.	49 Roycroft, Long Beach
² Hodges, Helen	5652 Baltimore St.
Hunt, Ethel	2071 Ridgeview Ave.
Huston, Louise	409 W. 46th St.
Ingledue, Helen	501 E. Wilson, Glendale
Jackson, Helen	634 E. California, Pasadena
Jacobson, John A. V.	108 Pepper St., Pasadena
Johnson, Alice M.	3043 Corto Pl., Long Beach
Johnson, Laurence	3043 Corto Pl., Long Beach
Johnson, Walfred J.	Turlock, Calif.
Kassel, Lola	2337 Merton, Eagle Rock
Kent, Eleanor	2125 E. Sixth St., Long Beach
Kile, Virginia	421 S. Bright, Whittier
King, Marchant	5220 Stratford Rd.
Krelle, Marie	1922 N. St. Andrews, Hollywood
Lawson, Jack	1663 Grand View
Leishman, Esther	1144 Elizabeth St., Pasadena
Lindquist, Jerome	1927 Seventeenth St., Bakersfield, Calif.
Lindsey, Mary	1159 S. Norton
Link, Frances	Exeter, Calif.

Lowman, Oella	346 N. Avenue 57
¹ MacDonald, Malcolm	1144 Corwell St.
McClain, Alva J.	4765 College View
McCunn, Annie Grace	2104 Ridgeview
McNinch, Martha	1614 Sixth St., Sawyer, Calif.
MacInnis, Mary R.	1112 N. Garfield, Alhambra
Meillette, Louis J.	Y.M.C.A., Hudson & Selma, Hollywood
Miller, Charles	1711 N. Avenue 53
Moles, Evelyn Mary	534 N. Avenue 54
Moore, Mary K.	530 N. Avenue 54
Morse, Edith Jean	1044 Twelfth St., Santa Monica
Morsey, Anna E.	5205 Range View
Noble, Howard	567 Meridian Terrace
Park, Edward W.	106 N. Figueroa
Park, Ross J.	1719 W. Avenue 46
Perkins, Paul	1615 Rose Villa, Pasadena
Pohlman, Anton	1515 S. Third, Alhambra
Pritchard, Esther	449 Nebraska Ave., Long Beach
Pursel, Louis Dale	166 N. Meredith, Pasadena
Raithel, Helen Alma	636 S. Mentor, Pasadena
¹ Ridderhof, David	122 Witmer St.
Righter, Ruth V.	R. D. 1, Box 218, Orange, Calif.
Roberts, Howard	5268 Ellenwood, Eagle Rock
Roucek, Joseph	Slany, Czechoslovakia
Schooley, Erma	368 N. Shaffer, Orange
¹ Sackett, Robert	1601 Campus Rd.
Sharp, Mary	424 S. Evergreen
Stevenson, Robert	3044 E. Fifth, Long Beach
Stocker, Helen	5010 Stratford
Sutherland, Hugh	4006 Homer St.
¹ Stein, Dorothy	800 Oakland, Pasadena
Sutton, Herbert	5102 Echo
Terry, Dorothy	313C W Harvard, Glendale
Vogel, Pearl E.	1626 W. Avenue 46
Wadsworth, Guy W.	5717 Harold Way, Hollywood
Westgate, Tevis	113 W. Third, Santa Monica
White, Harvey E.	990 E. Mountain, Pasadena
² Yorba, Gilbert	3968 Wilshire Blvd.
Zellhoefer, Mildred	320 N. Stillman, Alhambra

JUNIORS—CLASS OF 1926

² Ambler, S. Charles	137 N. Catalina, Pasadena, Calif.
² Angus, Albert	Arcadia, Calif.

Atkinson, Clara	1023 Fremont, S. Pasadena
Baker, Alvin Ray	5162 Shearin Ave., Eagle Rock
Barndt, David	621 S. Highland Ave.
Barnes, Leland	310 S. Vendome St.
Barr, Eleanor	200 Hamlet, Los Angeles
Black, Esther L.	250 Kenneth Rd., Glendale
Borillo, Leopoldo B.	6732 Hollywood Blvd., Hollywood
Brown, Kathleen	620 East California, Pasadena
Brown, Marjorie E.	620 East California, Pasadena
Buley, Horace	800 Rome Dr. Los Angeles
Butzine, Frederick C.	4287 El Cajon Ave., San Diego
Byram, Fern	Route 3, Santa Ana, Calif. Box 55
Caldwell, Agnes	326 W. Wilson, Glendale
Caldwell, Eunice	326 W. Wilson, Glendale
Campbell, David Miles	5326 Lincoln
Chamlee, Frank	Orosi, Calif.
Coleman, Ethel	25 64th Pl., Ocean Blvd., Long Beach
Conklin, De Ette	Box 278, Santa Barbara
Cornett, Gordon F.	808 Adelaide Pl., Santa Monica
Coutts, George	1023 Fremont, South Pasadena
Dally, Adeline	2151 Ridgeview
Damaskin, Nicolas	Harbin, Modiaagsu, 312-24 Zerkovnai St. China
Davidson, Jean	Fierro, New Mexico
Davidson, Robert	Fierro, New Mexico
Faucette, Frank	970 Dexter
Folger, Lois	Alton, Iowa
¹ Forden, George	Route 2, Box 1, Merced, Calif.
Fuller, Lorraine	1899 N. Raymond, Pasadena
Giffen, Grace	1543 W. Avenue 46, Los Angeles
¹ Grospe, Felix	Santa Domingo, P. I.
Hall, Ruth	Strathmore, Calif.
¹ Hargrave, Samuel Jay	Banning, Calif.
Hazeltine, Harvey	Hemet, Calif.
Himmelfarb, Joshua	416 W. Lawson, Los Angeles
¹ Hoobyar, Luther	Turlock, Calif.
Hunter, Mary E.	1225 Marengo Ave., South Pasadena
Icamen, Bernardo	Maasin Leyte, P. I.
Isenor, Ethel	Route 1, Huntington Beach, Calif.
Jamison, H. E.	1367 Hazelwood Ave.
Kalet, Rupert	E. Henrietta, New York
King, Frank	Fillmore, Calif. Box 156, R.F.D. 1

Kleinpell, Robert	618 Aldama Terrace
Larson, William	Green Bay, Wisconsin
Lee, Kathryn	6422 Eagle Rock Ave.
Lee, Murray J.	2111 Aubrey St.
Leung, Martha	920 Sacramento St., San Francisco
Lewis, Ralph	Santa Ana, R.D. 1, Calif.
Lindley, Robert	423 S. Flower, Los Angeles
Link, Carl	Box 338, Exeter, Calif.
Lucas, Adolph Edward	2050 82nd Ave., Oakland, Calif.
McConnell, Harriett	555 N. El Molino, Pasadena
¹ McDonald, Anita	436 W. Broadway, Glendale
McLeod, Beth	Escondido, Calif. Box 513
MacInnis, William	1112 N. Garfield, Alhambra
Macomber, Naomi	1185 N. Chester, Pasadena
MacRae, Lucia	448 N. Avenue 56
Miller, Dwight	1443 Armadale, Los Angeles
Milos, Charley	Black Eagle, Montana
Montgomery, Dorothy	5260 N. Alverne, Eagle Rock
Montgomery, Kenneth	1621 Paloma St., Pasadena
Morey, Herbert	Covina, Calif.
Morse, Marian	1302 Wilshire Blvd., Santa Monica
Mussen, Richard	363 S. Bonnie Brae, Los Angeles
Nakamura, Frank	306 N. Avenue 22, Los Angeles
Nash, J. V.	1538 Tonowanda St.
Newhall, Eleanor E.	1857 Campus Rd.
Newhall, Myrtle	1857 Campus Rd.
Osborne, Marianna	137 California St., Huntington Park
² Palmer, Ethel	338 N. Hobart Pl.
Parker, Daryl	1432 E. Maple, Glendale
Pashgian, Aram J.	225 Grand View, Pasadena
Potter, Dorris	2308 Los Colinas
Pozzo, Flora	2901 Francis Ave.
Raymond, Lawrence	335 Palmetto Dr., Pasadena
Rideout, Esther	Whittier, Calif.
Robertson, Florence	2501 N. Flower St., Santa Ana
Rudell, Lloyd	444 Angelino, Burbank, Calif.
Savage, Bernice L.	1557 Fairpark Ave.
Sawyer, Eleanor	700 E. Windsor Rd., Glendale
Scott, Hugh	Anaheim, Calif.
Smith, Francis	1654 Loma St., Santa Barbara
Stevens, Newell	Hotel Ray, Jefferson & Miami, L. A.
Stoller, George	Camas, Calif.

Straight, Harold G.	4815 Eagle Rock Blvd.
Sutherland, Mrs. Genevieve	4006 Homer St.
Switzer, Helene	1015 Westchester Pl.
Tanaka, Shizona	5905 El Mio Dr., Los Angeles
Taubman, Mary	2465 E. Fourth St., Long Beach
Templin, Elna Marie	5152 Buchanan St.
² Thayer, Josephine	2009 Norwalk Ave.
Thompson, Elsie K.	1096 Steuben St., Pasadena
Todd, David	444 W. Wilson, Glendale
Turley, Claude	1567 Hazelwood
Vargo, Irma	2104 Ridgeview
Vickroy, Esther	5258 Sunset Blvd.
Waddingham, Francis	1725 Hoyt, Everett, Washington
Wall, Cyril	237 Platte St., Lynwood, Calif.
Weaver, Roy	El Monte, Calif.
Wheat, Laurretta	203 N. Maclay, San Fernando
Wheeler, Roy Edwin	Baldwin Park, Calif.
White, Daniel B.	Fort Sam Houston, Texas
Wilson, Doris	1222 E. Eighth St., Long Beach
Wilson, Kenneth	935 S. Mariposa, Los Angeles
Wimmer, Louise	1108 E. California, Glendale
Wolf, Carl	2018 Ridgeview, Los Angeles
Wright, Thomas P.	3104 Homer St., Loma Portal, San Diego, Calif.

SOPHOMORES—CLASS OF 1927

Alkire, Martha	325 E. Palm Ave., Phoenix, Ariz.
Allen, Mitchell	3835 Randolph Ave., Oakland.
Archer, Neal	469 Summit, Pasadena
Armstrong, Lois	172 Capitol St., Salinas, Calif.
Armstrong, Ruth	172 Capitol St., Salinas, Calif.
Baech, Edward	4163 S. Normandie, Los Angeles
Bailey, Carlisle	5250 Hermosa, Eagle Rock
Bailey, Marjorie	1327 N. Campbell St., Glendale
Barrett, Herbert Weir	2740 Lake St., San Francisco
Betts, Fred	392 Coronado St., Long Beach
Bevis, Dorothy	144 S. Cedar, Glendale
Bierer, Kenneth	Woodlake, Calif.
Billheimer, Ruth	1104 Fremont, South Pasadena
Black, Charles Lee	355 N. Euclid, Pasadena
Black, H. Howard	355 N. Euclid, Pasadena
² Blackstone, Eleanor	1525 Columbus, South Pasadena
² Blackstone, William	1525 Columbus, South Pasadena

Blasingham, Marion	334 N. Avenue 52
Bone, Ewing	Clovis, Calif.
Brobst, Theodore	230½ W. Ave. 52
Brodhead, Theodore	114 W. Greystone Ave., Monrovia, Cal.
Buell, Charlotte	317 Colorado Place, Long Beach
¹ Burns, Sarah Margaret	1375 Ridgeway, Pasadena
Buxton, Bronson	1422 W. Third St., Santa Ana
Canfield, Merritt	La Habra, Calif.
Carper, Evelyn	R. F. D. 6, Phoenix, Ariz.
Chaffee, Eugene	Boise, Idaho, R. No. 2
¹ Chandler, Burney	1831 Woodrow
Chaffin, Ruth	1939 Yosemite Dr., Eagle Rock.
Chapman, Beatrice	755 N. Chester, Pasadena, Calif.
² Cherrie, Arthur B.	2219 Hollister Ave., Santa Barbara, Cal.
Clapp, Norton	300 Elevado Drive, Pasadena
Collins, Linda May	212 Mt. Washington Dr.
Conde, Victor	Puente, Calif.
Conger, Daniel	Farmington, New Mexico
Corrigan, Bess	1965 Milan Ave., South Pasadena
Craig, Florida	2460 W. Colorado, Eagle Rock
Craigmile, Viola	5614 Irvington Place
Crawford, Jean	1821 Corson St., Pasadena
Cunningham, Harry	1115 Fairview, South Pasadena
² Cutlip, Ralph	Braxton, West Virginia
¹ Daily, Emma May	Camarillo, Calif.
Dasher, Edith	625 South Madison, Pasadena
² Davis, Eugene P.	Woodlake, Calif.
Davis, Mildred	2104 Ridge View
Deaver, Ralph	Puente, Calif.
Denn, Ellen	207 Ave. C, Redondo, Calif.
Deseo, Jose	Aparri, P. I.
¹ Dickenson, Harold	3215 E. 5th St., Los Angeles
² Donley, Helen	545 S. Euclid, Pasadena
Donley, Joseph	
Dotseth, John	Black Eagle, Montana
Duncan, James Carroll	3407 Madera Ave., Los Angeles
Eckhoff, Irving	San Rafael, Calif.
Eddlemon, Ozro	Lodi, Calif.
Evans, Stanley	883 Paola
Fagley, Hermon F.	933 S. Madison Ave., Pasadena
Farmer, Helen Mae	2137 Ridgeview
Featheringill, Marguerite	1701 Phillips Way

Folts, David	5128 El Verano Dr., Eagle Rock
Forbes, D. Evelyn	4568 Alumni
Frank, Mabel	284 N. El Molino, Pasadena
Free, Josephine	7827 Primrose, La Jolla
Galarza, Ernest	910 D. St., Sacramento, Calif.
Gardner, Allan	5101 El Verano
Gephart, Wm. Everett, Jr.	822 S. Norton
Gilliland, Dorothy	1446 N. Holliston, Pasadena
Gloyn, Cyril	5849 S. Wilton Place
Glunz, Margaret	65 Roble Road, Berkeley
Godett, Michael	4939 Buchanan
Gregg, Lester	3041 E. Third, Long Beach
Gregory, Merrill	130 Hillcrest, Fullerton
Hall, Harvey	1323 Echo Park
¹ Halsey, Theodore E.	57 W. Grand View, Sierra Madre
Hammersly, Marion	Puente, Calif.
Harrison, Inez	323 N. Maryland
Haserot, Lester	1425 Armadale
Hay, H. Malcolm	1327 Gardner, Hollywood
Haynes, Eugene	440 Kensington Place, Pasadena
Henshaw, Francis	1010 S. Berendo, Los Angeles
Herr, Ralph	1567 Hazelwood
Hitch, Harris	Moorepark, Calif.
² Hoffman, Louis	374 Shults St.
Hoit, Janet	1244 N. Michigan, Pasadena
Holland, Wendell	126 N. Ave. 54
House, Hazel	2128 La Verna Ave.
¹ Jacobs, Isabella	4741 York Blvd.
Johnson, William James	533 E. Mountain, Pasadena
Keech, William	3220 Arvia St.
¹ Kelso, Robert	La Crescenta
Kizer, Beatrice	312 N. Ave. 62
Lavelle, Reginald	Denver, Colo.
¹ Lawrence, Gregory	1521 E. Mountain, Pasadena
Lerchen, Frank	2806 Rock Glenn, Eagle Rock
Lesh, Elisabeth	409 N. Hill Ave., Pasadena
Lind, Nena	1625 Las Lunas, Pasadena
¹ Long, Clayton	Tulare, Calif.
² Loper, John D., Jr.	823 N. First Ave., Phoenix
McDonald, Helen Elizabeth	1432 Sunset Blvd.
McDonald, Ruby	517 N. 60th St., Seattle, Wash.
¹ McHann, Thurman	Charter Oak, Calif.

Miller, Genevieve	5142 Hermosa Ave., Eagle Rock
Miller, Hubert	2371 Norwalk
Mishkin, Solly	713 Vendome
Moeller, Clarence A.	Delta, Colo.
Moore, Dorothy	5667 Irvington Place
Nehls, Walter Bennett	58 W. Peoria St., Pasadena
Okada, Shigeru	202 N. San Pedro, Los Angeles
Paap, George F.	248 Sinclair Ave., Glendale
Pashgian, Euphrates	225 Grand View, Pasadena
Peck, Sam	313 E. Lime, Monrovia, Calif.
Phillips, Loraine	6151 Pasadena Ave.
Phillips, Ted Strachey	Sultana, Calif.
¹ Poetker, John	Shoftis, Calif.
Price, Guthrie	409 W. Hillcrest Blvd., Monrovia
Prichard, Elizabeth	1111 West 51st St., Los Angeles
Pritchett, Louise E.	Napa, Calif.
Purser, George	Box 151, Visalia, Calif.
Ramos, Bartolome	1194 Boston Ave., Altadena
Rasmussen, Ernest	218 N. Isabel, Glendale
Reigart, Richard	851 Locust, Long Beach
Rhodes, Dorothy	Chino, Calif.
Riggs, John	3945 W. Ave. 43
Roush, Frank M.	101 N. Allen Ave., Pasadena
Shaley, Miss Marion	4689 Eagle Rock Blvd., Eagle Rock
Sharp, Robert	960 San Pasqual, Pasadena
Shaw, Leiland	247 S. Johnston St., Los Angeles
Shearing, Lloyd	R. F. D. 1, Filer, Idaho
Sheldon, Kenneth	Ojai, Calif.
Sherwood, Helen	422 W. Jackson, Glendale
Skoblin, Vasily	2623 Channing Way, Berkeley
Smith, Ruth	826 Lacy, Santa Ana, Calif.
Snow, Stillson	Oxnard, Calif.
Soule, Edwin	1793 Campsu Road
Stellar, Josephine	1110 Glendon Way, Pasadena
Stirling, Margaret	1450 Eucalyptus Lane, Los Angeles
Stone, Louise	257 W. California, Pasadena
Strayer, Arjuna	42 S. Terrace Drive, Pasadena
Tait, Winifred	Box 186, Phoenix, Ariz.
Tanner, Ervin	Morro Bay, Calif
Teachout, Arthur	347 Annandale Blvd.
Telfer, Jean Eileen	1501 Campus Road

Terry, Duane	313C W. Harvard, Glendale
Tifal, Adele	1224 S. Highland
Tifal, Chester	1224 S. Highland
² Treff, Dorothy Mary	1818 Mission St., South Pasadena
Trewhella, Mary J.	1522 Munson Ave.
Van Vleck, Helen	713 N. Ave. 53
Wallace, Marjorie	2828 E. 1st St., Long Beach
Watson, Dorothy	1500 Hill Ave., Glendale
Willbee, Elizabeth	200 La Paloma, Alhambra
Wilshire, Logan C.	800 Elizabeth St., Pasadena
² Wood, Libbie Louise	322 Branch St.
Wyman, Paul	244 N. Madison St., Pasadena

FRESHMEN—CLASS OF 1928

Amerongen, William	507 E. Washington St., Pasadena
Ankeny, Lucille	1322 Lime, Apt. 8, Long Beach
Ballard, Gilbert	Route 2, Box 210, Gardena, Calif.
Baumgartner, Gladys E.	1645 S. Berenda, Los Angeles
Bean, John	Woodlake, Calif.
¹ Beckenstein, Ben	1425 Locust Ave., Long Beach
¹ Bennett, Babel	781 Annandale Blvd.
Blackmer, Margaret	216 Cornelian Ave., Redondo, Calif.
Bloom, Carl	1145 E. Green, Pasadena, Calif.
Boone, Helen	4944 Stratford Road, Los Angeles
Bradner, Eric	2316 Loy Lane, Eagle Rock, Calif.
Brown, Aletha W.	318 S. Broadway, Redondo, Calif.
Burleson, Donald	599 N. Irving Blvd.
Carson, Marjorie Rose	3144 Perlitta
Campbell, Theodore L.	3600 Weston Place, Long Beach
Chambers, Ruth	2068 Escarpa Drive
Chamlee, Tilman	Orosi, Calif.
Clinton, Mildred C.	1000 Warburton Ave., Yonkers, N. Y.
² Colter, Martha Caroline	1901 Brae Burn, Pasadena
Cortright, Genevieve	2747 Moss Ave.
Coyle, Cameron	132 N. Ave. 56
Coyle, Robert	132 N. Ave. 56
Coyne, James	Hollywood, Calif.
Crawford, Lorraine	2501 Ronero St.
Creel, Clara T.	715 Aldama Terrace
¹ Cyphers, Claude R.	1460 E. California, Glendale, Calif.
¹ Daily, Roscoe	Camarillo, Calif.
Dally, Evalyn	2151 Ridgeview, Eagle Rock

Davis, Marinita	Pacific Beach, San Diego A.&M. Acad.
Davison, Betty	5309 Aldama, Los Angeles
Dewire, Margaret E.	237 Daisy, Long Beach, Calif.
Dorman, Helen M.	1325 Berrington Way, Glendale, Calif.
² Dostert, Leon E.	2027 Ridgeview, Eagle Rock
Drummond, Christine	Nanking Ku, China
Duckworth, John Wm.	249 Miramar, Long Beach
Eckerman, Margaret L.	Covina, Calif.
² Enfield, Rollin O.	1557 W. Ave. 47.
Farnsworth, Lawrence	212 S. Adams, Glendale
Fassett, Frederick R.	1831 Woodrow Ave.
Ferguson, Mary	1744 Ocean Blvd., Long Beach
Fisher, Elizabeth	456 E. Adams St.
Flint, Calvin	350 Obispo, Long Beach
Flipse, Marguerite	4537 Alumni
Foreman, Mildred L.	1113 Eleventh, Douglas, Ariz.
Frary, Lucille	5311 Monte Vista
Fusco, George	582 N. Ave. 23
² Gattwinkel, Doris	5105 Baltimore St.
Glenn, Virginia	4543 N. Griffin
Glynn, James T.	780 N. El Molino, Pasadena
Goodheart, William Berl	Box 397 San Anselmo, Calif.
Graves, Bessie E.	1505 S. Second, Alhambra, Calif.
Gray, Minnie	3667 McClintock Ave.
¹ Gordon, Marjorie	El Monte, Calif.
Gregg, Alberta	3041 Eliot, Long Beach
² Griewe, Thelma	2051 Olive, Long Beach
Groenewegen, Cornelis	727 Garfield, S. Pasadena
Grotthouse, Margaret	134 S. Ave. 57
² Guthrie, Catherine C.	208 S. Brand, Glendale
Hackett, Edward A. K.	807 Bedford Drive, Beverly Hills
Hagen, Hazel H.	144 S. Ave. 55
Haigh, Miss Marion H.	670 S. Los Robles, Pasadena
Hale, Walter	Moneta, Calif.
Hanigan, William	340 N. Orange, Glendale
Hawkins, Guy M.	969 Glenandale Place
Hayes, Theo. M.	450 S. Santa Anita, Pasadena
Hendricks, Joseph D.	Tulare & Lenox Aves., Van Nuys, Calif.
Herwig, Dan	777 S. Euclid, Pasadena
Hitch, Margaret	Moorepark, Calif.
Hoag, Ena	Pacific Grove, Calif.
Holland, Mary A.	227 S. Seventh, Montebello, Calif.

¹ Homer, Edward	Lemon Cove, Calif.
¹ Jackson, John	907 S. Orange Drive
Jackson, Florence	634 E. California, Pasadena
² Jewel, Esther M.	291 S. Marengo, Pasadena
Jones Alice E.	1129 Windsor Place, S. Pasadena
Jones, Forsythe	722 Irving, Alhambra, Calif.
Jones, Juliet	722 Irving, Alhambra, Calif.
Jones, Merle H.	510 W. Santa Paula St., Santa Paula, Cal.
Jordan, Mary L.	604 Valley Blvd., San Gabriel, Calif.
Juett, George C., Jr.	2059 Ridgeview, Eagle Rock
Keedy, Helen	1801 Fair Oaks, Pasadena
Kelly, Elizabeth L.	521 W. Ave. 53
Kimball, Katherine	1137 N. Edgemont, Hollywood
King, Alfred Shirley	5115 La Roda, Eagle Rock
King, Marjorie	3322 Elm Ave., Long Beach
Kodweiss, Marion R.	5233 Townsend Ave., Eagle Rock
Kreder, A. LeNard	958 W. Ave. 46
Kurze, Louis S.	542 S. Chicago
² Kyle, Fred D.	715 Marguerita, Alhambra
Langlois, Muriel	1214½ N. Alvarado, Los Angeles
Larson, Florence J.	Herman, Minn.
Laurence, Elizabeth	809 Indian Hill Blvd., Claremont, Calif.
¹ Lembke, Lois	1007 Island Ave.
Lingenfelter, Daniel	R. 2, Lankershim, Calif.
Luebbert, Adelaide A.	1708 Diamond Ave., South Pasadena
Ludlow, Bernice M.	1303 Leland, San Pedro, Calif.
Ludlow, Mildred D.	1303 Leland, San Pedro, Calif.
McCall, Ellen L.	2141 Las Colinas
McCoy, Frances	1809 Court Ave., South Pasadena
McDonald, Reginald	637 N. Van Ness, Santa Ana, Calif.
McDougall, Elizabeth	Tustin, Calif.
McLain, Dorothy E.	525 N. Raymond, Pasadena
MacLaughlin, Florence B.	144 S. Kenwood, Glendale
¹ Mace, Marion	Glendora, Calif.
Mahoney, Anna	Tulare, Calif., 526 S. H. St.
Mann, Harwin	5247 Windermere, Eagle Rock
Marsh, Gracia	808 Atlantic, Long Beach
Martin, Norman E.	5020 Sierra Villa Drive, Eagle Rock
¹ Martin, June B.	524 Baker Ave., Bell, Calif.
² Mattingly, Ruth	217 W. Ave. 37
² Mattingly, Elizabeth	217 W. Ave. 37

Mixsell, Frank	Box 107, Palm Springs, Calif.
Moeller, Dorothy	4737 York Blvd.
Monroe, Anna M.	2056 Fair Park, Eagle Rock
Morse, Clifton	1497 Elm, Long Beach
Morse, James	1302 Wilshire, Santa Monica
Nash, Milton	4512 E. 4th St., Los Angeles
Nelson, Byrne	1650 E. First St., Long Beach
Nelson, Mildred	376 N. Ave. 52
Newell, Gordon B.	623 Aldama Terrace
Newell, Paul	445 E. Adams St.
Noble, Hubert A.	4731 W. 18th St.
Nottleson, Grace	5315 Buchanan St.
Omohundro, Thadeus H.	925 Locust, Apt. 3, Long Beach.
¹ Odell, Vincent C.	1279 N. Los Robles, Pasadena
Onstine, Nellie J.	6401 Planada Ave.
² Osborne, Sherrill B., Jr.	5238 College View Ave.
Palmer, Oran W.	338 N. Hobart Place
Parker, Audrey	1627 Campus Road
Pashgain, V. Constant	225 Grand View, Pasadena
Pennebaker, George F.	5000 Echo St.
Perkins, Vera	324 Stedman Place, Monrovia, Calif.
Perry, Marguerite L.	723 Aldama Terrace
² Petit, Stanley N.	823 Gilmore St., Van Nuys, Calif.
Philips, Eleanore	161 Seventh Ave., San Francisco
Pohlman, Roger	121 Illinois St., Anaheim, Calif.
² Porter, Frank	1664 Cortez St.
Powell, Lawrence	1610 Marengo, South Pasadena
Ray, Raymond R.	327 N. Verdugo, Glendale
Reasoner, Dorothy	Box 314, Winters, Calif.
Reynolds, Marian	247 S. Hill, Pasadena
Ritchie, Harry W.	1400 Milan, South Pasadena
Roach, Morris H.	595 E. Couch St., Portland, Oregon
Ross, Norman	203 W. Valerio, Santa Barbara
Rowe, Genevieve	752 S. Brand, San Fernando, Calif.
Russell, Marian	1915 Mission St., South Pasadena
Ryan, Frances	1118 Stratford, South Pasadena
Ryan, Roscoe	1118 Stratford Ave., South Pasadena
¹ Samson, Louis	468 N. Ave. 52
² Schiefer, Carl V.	814 Vista St., Hollywood
Schuckman, Fred A.	310 W. Foothill Blvd., Altadena
¹ Schweizer, Jack	2813 Jeffries Ave.
Shoemaker, Nona	436 Kensington Ave., Kansas City, Mo.

¹ Shoemaker, Robert	436 Kensington Ave., Kansas City, Mo.
¹ Sieve, Marion R.	375 N. Wilton Place
¹ Sminia, Bryan	480 Bartlett, San Gabriel
Smith, Barbara L.	5233 Sumner Ave., Eagle Rock
Smith, Harold	1101 W. Washington, Santa Ana, Calif.
Smith, Norman	711 Marine St., Ocean Park, Calif.
Smith, Sarah M.	160 Navilla Place, Covina, Calif.
Sorenson, Clarence	711 Sacramento, Pasadena
Spencer, Dwight T.	4309 Park Blvd., Oakland, Calif.
Spencer, Paul	219 W. Ave. 42
Stahlman, Edward R.	Woodlake, Calif.
Stankowitch, Emily	199 Calavera St., Altadena, Calif.
Stead, Tom	2401 Martinez Ave., Berkeley, Calif.
¹ Steinert, Albert	2136 Hollister Ave., Santa Barbara
Stillman, Rowena	1239 Ninth St., Douglas, Ariz.
² Sumner, Gay A.	5307 Live Oak View Ave., Eagle Rock
Sunderland, Helen T.	342 Molina, Long Beach
Taylor, Boyd	2306 Merton, Eagle Rock
Taylor, Roberta	2322 E. Second St., Long Beach
Taylor, Roland R.	1048 Fres Ave., Wilmington
Thomas, Alfred	707½ S. Bonnie Brae
Townsend, Adella C.	5256 Aldama
Treff, Lucille H.	1818 Mission St., South Pasadena
Tyler, Don	4557 N. Grffin
Venable, Pauline	621 Guadalupe, Redondo Beach, Calif.
Vollmer, John P.	935 N. Ave 64
Walker, Margaret E.	2642 Van Buren Place
Wamsley, Mary M.	2126 Norwalk Ave.
Wells, Elizabeth	1537 Third Ave.
¹ Wheatley, Maxene C.	595 E. Pasadena, Pomona
White, Carryl L.	Monte Vista Michigan, Tujunga
² Wilcox, G. Elizabeth	712 Orange Grove, South Pasadena
Wiley, M. Wallace	1275 N. Allan, Pasadena
² Williams, Susie J.	511 N. Isabel, Glendale
² Williamson, George	Lankershim, Calif.
Wolsey, Gladys	Covina, Calif.
Wyatt, Elizabeth.	4610 Corliss Ave.

SPECIAL STUDENTS—Year 1924-25

² Brady, Arthur Clinton	1834 N. Mariposa
² Desson, John	1847 Eagle Rock Blvd.
Edmonds, Paul W.	121 S. Cedar, Glendale

Gibbs, Thelma	316 Grinnell, Burbank
Hamilton, Pearl	620 E. 7th St., Long Beach
Henderson, Theo. C.	2076 W. 30th St.
² Kimori, George H.	6382 Selma Ave.
Kinney, Elizabeth	4610 Paulham
Klein, Albert	948 Ashland Ave., Ocean Park, Calif.
Kleinpell, Wilkie C.	618 Adama Terrace
Liggett, Katherine M.	2644 Rompau Blvd.
¹ Long, Irvin W.	4553 Santa Monica Blvd.
McClennan, Maurice M.	238 5th St., Gilroy, Calif.
² Marashlian, Edward	1761 N. Fair Oaks, Pasadena
Rijhoff, Victor	414 Kuakiini St., Honolulu
Stark, Harold Richter	1110 Meridan Ave., South Pasadena
Wallis, Langford J.	3321 N. Broadway, Los Angeles

STATISTICAL SUMMARY

DEGREES GRANTED IN 1924

Doctor of Laws.....	2
Master of Arts.....	6
Bachelor of Arts.....	80
Total.....	88

SUMMARY OF REGISTRATION, 1924-1925

	Men	Women	Total
Graduates	12	17	29
Senior	47	62	109
Juniors	60	48	108
Sophomores	87	67	154
Freshmen	93	97	190
Specials	13	4	17
	312	295	607

OCCIDENTAL COLLEGE ALUMNI ASSOCIATION

(Organized 1897)

OFFICERS, 1924-1925

EDWIN B. LAWYER, 1914	-	-	-	-	-	-	<i>President</i>
KATHERINE WEST, 1919	-	-	-	-	-	-	<i>Vice-President</i>
LUCILLE M. JACKSON, 1917	-	-	-	-	-	-	<i>Secretary-Treasurer</i>
BRUCE LAWSON, 1923	-	-	-	-	-	-	<i>Alumni Editor and Representative</i>

GRADUATE COUNCIL

	Term Expires
Harry Kirkpatrick, 1914	1925
Dan S. Hammack, 1905	1925
Harold McClellan, 1922	1925
Aileen Polhamus Ogier, 1919	1925
Phillip Ellsworth, 1924	1925
Fred McLain, 1916	1926
Katherine West, 1919	1926
Ernestine Kinney, 1917	1926
Florence Glassey, 1916	1926
Frank N. Rush, 1908	1926
Edwin B. Lawyer, 1914	1927
Eva Atkinson Johnson, 1921	1927
Truman Johnson, 1921	1927
Bruce Kirkpatrick	1927

CLASS SECRETARIES OF THE ALUMNI ASSOCIATION

- 1895 Alphonzo E. Bell, 530 Pac. Mutual Bldg., Los Angeles, Calif.
- 1896 Walter V. E. Thompson, 133 W. Ave. 54, Los Angeles, Calif.
- 1898 Rev. Edward H. Miller, Seoul, Chosen.
- 1900 Miss Amy P. Gordon, 510 Morris Bldg., Philadelphia, Pa.
- 1902 D. C. Chapin, 623 Baldwin Ave., E. Spokane, Wash.
- 1903 Fred H. Schauer, Santa Barbara, California.
- 1904 Dr. A. W. Buell, 921 Pacific S. W. Bldg., Long Beach, Calif.
- 1905 Percy B. Goodell, Box 177 B, Route 2, Van Nuys, Calif.
- 1906 Miss Grace Webster, 2404 Oswego, Pasadena, Calif.
- 1907 Dr. Robert G. Cleland, Occidental College, Los Angeles, Calif.
- 1908 Mrs. Fred Caldwell, 5230 El Rio Ave., Eagle Rock, Calif.
- 1909 Miss Lois MacKalip, 203 E. Ave. 42, Los Angeles, Calif.
- 1910 Philip Dodson, 1132 Meridian Ave., So. Pasadena, Calif.
- 1911 David R. Faries, 222 No. Irving Blvd., Los Angeles, Calif.
- 1912 Harold Landreth, 701 Pacific S. W. Bldg., Pasadena, Calif.
- 1913 Mrs. I. B. Shaw, 2660 Orchard Ave., Los Angeles, Calif.
- 1914 Mrs. Hugh McNary, 4416 Towne Ave., Los Angeles, Calif.
- 1915 Miss Helen Kemper, 3558 Dayton Ave., Los Angeles, Calif.
- 1916 Paul Kirkpatrick, University of Hawaii, Honolulu T. H.
- 1917 Miss Lucille M. Jackson, Occidental Coll., Los Angeles, Calif.
- 1918 Mrs. Chas. Dague, Azusa, Calif.
- 1919 Miss Sarah Young, 573 S. Boyle Ave., Los Angeles, Calif.
- 1920 Mrs. Harlan Loud, 1125 Beech Street, S. Pasadena, Calif.
- 1921 Mrs. Carl Bigsby, 273 Elmwood St., Riverside, Calif.
- 1922 Mrs. A. Ruell Kendall, 2379 Vista Laguna Terrace, R. F. D. 2, Box 236, Pasadena, Calif.
- 1923 Miss Sarah Lindsey, 1159 S. Norton Ave., Los Angeles, Calif.
- 1924 Miss Doris Fowler, Neighborhood Settlement House, 244 Spring Street, New York City.
- 1925 Miss Mary K. Moore, 530 N. Ave. 54, Los Angeles, Calif.

OCCIDENTAL COLLEGE WOMEN'S CLUB

OFFICERS 1924-1925.

MISS ERNESTINE A. KINNEY, '17	-	-	-	-	<i>President</i>
MRS. THOMAS HOLDEN, '23	-	-	-	-	<i>Vice-President</i>
MRS. TRUMAN JOHNSON, '21	-	-	-	-	<i>Vice-President</i>
MRS. LOWELL DONNELL, '20	-	-	-	-	<i>Corresponding Secretary</i>
MISS LOIS TRACY, '24	-	-	-	-	<i>Recording Secretary</i>
MISS IRENE TANNER, '20	-	-	-	-	<i>Treasurer</i>

FORM OF BEQUEST

Those intending to devise property to Occidental College are requested to use the following form:

"I hereby give, devise and bequeath unto Occidental College of Los Angeles, State of California, the sum of..... Dollars."

For property other than money the form should be correspondingly varied.

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OCCIDENTAL COLLEGE

CATALOGUE

1926-1927

THE UNIVERSITY OF THE

MAY 22 1926



OFFICIAL BULLETIN OF OCCIDENTAL COLLEGE
LOS ANGELES, CALIFORNIA

New Series

MARCH, 1926

Vol. III, No. 4

CORRESPONDENCE

In order to avoid unnecessary delay it is requested that the specific addresses indicated below be used on all correspondence in addition to the general post office address of *Occidental College, Los Angeles, California*:

Requests for College Bulletins and general information,—*The Secretary*.

Correspondence regarding major interests of the college, faculty appointments, general questions of policy,—*The President*.

Student affairs, scholarships, loan funds, academic work of students in college,—*Dean of the College*.

Inquiries concerning admission, advanced standing,—*Chairman of the Committee on Admission*.

Inquiries from entering women concerning assignment of rooms in the Residence Halls or in private homes,—*Dean of Women*.

Inquiries concerning rooming accommodations for men in Swan Hall or private homes,—*Dean of Men*.

Public events, lectures, Greek Theater,—*Chairman of the Committee on Public Events*.

Extension study,—*Chairman of the Extension Committee*.

Summer Session,—*Chairman of the Summer Session*.

Alumni affairs,—*Secretary of the Alumni Association*.

Business affairs, payment of fees and other charges, including dormitory rentals,—*The Comptroller*.

OCCIDENTAL COLLEGE
ANNUAL CATALOGUE

OCCIDENTAL COLLEGE

ANNUAL CATALOGUE

Thirty-ninth year
1926-1927



PUBLISHED BY THE COLLEGE
LOS ANGELES, CALIFORNIA
March, 1926

SEE PART XI FOR REVISED SCHEDULE OF
FEES AND EXPENSES

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JANUARY							FEBRUARY							MARCH								
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THE COLLEGE CALENDAR

1926

- August 31 *Tuesday.* Final date for receiving applications for entrance examinations to be given in September.
- September 6-8 *Monday to Wednesday, inclusive.* Entrance examinations at the College.
- September 9 *Thursday.* MEETING OF THE FRESHMAN CLASS. Alumni Hall. Welcome by representatives of the Administration and Associated Students of the College. Attendance required of all Freshmen. 11 A. M.
Placement examinations. Required of all new students. 2 to 5 P. M.
Reception of Freshmen by members of the Faculty. Orr Hall. 7:30 P. M.
- September 10 *Friday.* Registration of all Freshmen. Chapel Exercises, 9:15 A. M.
Explanation of course of study and method of registration. 9:30 A. M.
Registration with Advisers, College Physician, Dean of Men and Dean of Women. 10 A. M. to 12 M. 1 to 4 P. M.
- September 11 *Saturday.* Chapel Exercises. 9:15 A. M.
Address by Dean of College on college rules and obligations. 10 A. M.
Informal talks on College Problems to men and women separately by the Dean of Men and the Dean of Women. 11 A. M.
Novice Athletic Carnival. All Freshmen eligible. 2 P. M.
- September 12 *Sunday.* Vesper Services. President's Garden. 4 P. M.
- September 13 *Monday.* REGISTRATION OF ALL ADVANCED STUDENTS. 9 A. M. to 12 M. 1 to 4 P. M.

September 14	<i>Tuesday.</i> FIRST COLLEGE ASSEMBLY. Alumni Hall. 9 A. M. Registration continued. 10 A. M. to 12 M. 1 to 4 P. M. Dinner in Commons. 6 P. M. College Sing. Upper Quardrangle.
September 15	<i>Wednesday.</i> Recitations begin. 8 A. M.
September 17	<i>Friday.</i> Last day for changing study list without payment of special fee.
September 23	<i>Thursday.</i> Procession of Lanterns.
October 29	<i>Friday.</i> Last day for discontinuing a course.
November 25-26	<i>Thursday and Friday.</i> THANKSGIVING RECESS.
December 10	<i>Friday.</i> CHRISTMAS VACATION begins. 4 P. M.
December 28	<i>Tuesday.</i> CHRISTMAS VACATION ends. 8 A. M.

1927

January 1	<i>Saturday.</i> NEW YEAR'S DAY. A holiday.
January 10-21	<i>Monday to Friday.</i> Consultation with Advisers concerning second semester study lists.
January 24-29	<i>Monday to Saturday.</i> Final Examinations, first semester.
January 29	<i>Saturday.</i> MID-YEAR VACATION begins. 4 P. M.
February 7	<i>Monday.</i> MID-YEAR VACATION ends. Registration of all students for second semester. 9 A. M. to 12 M. 1 to 4 P. M.

February 8	<i>Tuesday.</i> Recitations begin, second semester. 8 A. M. Last day for filing application in candidacy for the Master of Arts degree to be conferred in June.
February 21-25	<i>Monday to Friday.</i> Week of Prayer for Colleges.
February 22	<i>Tuesday.</i> WASHINGTON'S BIRTHDAY. A holiday.
April 14-15	<i>Thursday and Friday.</i> SPRING RECESS.
April 20	<i>Wednesday.</i> FOUNDERS' DAY.
April 29	<i>Friday.</i> Last day for removal of conditions by candidates for a degree in June.
May 9	<i>Monday.</i> Last day for filing, in final form, thesis for Master of Arts degree to be conferred in June.
May 11	<i>Wednesday.</i> PHI BETA KAPPA DAY.
May 30	<i>Monday.</i> MEMORIAL DAY. A holiday.
June 3-10	<i>Friday to Friday.</i> Final examinations, second semester.
June 10	<i>Friday.</i> Greek Play in Hillside Theater.
June 11	<i>Saturday.</i> ALUMNI DAY. Class Reunions at the College. Alumni Banquet.
June 12	<i>Sunday.</i> BACCALAUREATE SUNDAY.
June 13	<i>Monday.</i> CLASS DAY. 10 A. M. THIRTY-FIFTH ANNUAL COMMENCEMENT. Academic Procession, 5:45 P. M.
September 8	<i>Thursday.</i> MEETING OF FRESHMAN CLASS for College Year, 1927-1928.
September 12-13	<i>Monday and Tuesday.</i> REGISTRATION OF ADVANCED STUDENTS.

Part I

BOARD OF TRUSTEES



OFFICERS OF THE BOARD 1926-1927

ROBERT FREEMAN	- - - - -	<i>President</i>
ALPHONZO E. BELL	- - - - -	<i>First Vice-President</i>
GEORGE E. EMMONS	- - - - -	<i>Second Vice-President</i>
JED W. BURNS	- - - - -	<i>Treasurer</i>
WILLIAM S. YOUNG	- - - - -	<i>Secretary</i>

COMMITTEES OF THE BOARD

EXECUTIVE:

Robert Freeman, Remsen D. Bird and William Stewart Young
(*ex-officiis*), Alphonso E. Bell, Jed W. Burns, George Emmons,
Max Hayward, William M. Orr.

GROUND AND BUILDINGS:

Alphonso E. Bell, E. P. Clapp, George Emmons, Dan Hammack,
Max Hayward.

FINANCE:

Jed W. Burns, Alphonso E. Bell, James G. Warren.

LIBRARY:

E. P. Clapp, Glenn E. Huntsberger, James Marwick, W. Bert-
rand Stevens, Hugh K. Walker.

LEGAL:

Harold B. Landreth, Frank P. Flint, Dan S. Hammack, Glenn
Huntsberger, Fred Schauer.

DEGREES:

Almer M. Newhall, Arthur W. Buell, Robert Freeman, A. Pome-
roy Hoffman, Fred Schauer.

FACULTY:

Glenn Huntsberger, Remsen D. Bird, Robert Freeman, Harold
B. Landreth, William Stewart Young.

MEMBERS OF THE BOARD

Term Expiring January 31, 1927

ALPHONZO E. BELL, 512 Pacific Finance Bldg., Los Angeles, Calif.
FRANK P. FLINT, Title Insurance Bldg., Los Angeles, Calif.
REV. ROBERT FREEMAN, D.D., 675 Magnolia Ave., Pasadena, Calif.
WILLIAM MEADE ORR, 500 N. Vega St., Alhambra, Calif.

Term Expiring January 31, 1928

HENRY GUDGELL BOICE, San Carlos, Arizona.
JED W. BURNS, 672 S. Serrano St., Los Angeles, Calif.
GEORGE E. EMMONS, 252 S. Orange Grove Ave., Pasadena, Calif.
MAX HAYWARD, International Indemnity Co., Los Angeles, Calif.
FRED H. SCHAUER, Granada Theater Bldg., Santa Barbara, Calif.
RT. REV. W. BERTRAND STEVENS, 619 S. Figueroa St., Los Angeles.
DAN HAMMACK, 419 American Bank Bldg., Los Angeles, Calif.

Term Expiring January 31, 1929

A. POMEROY HOFFMAN, 137 Cedar Ave., Long Beach, Calif.
GLEN E. HUNTSBERGER, Van Nuys Bldg., Los Angeles, Calif.
HAROLD B. LANDRETH, 701 Pacific Southwest Bldg., Pasadena, Calif.
JAMES GARFIELD WARREN, 323 Lafayette Park Pl., Los Angeles, Calif.

Term Expiring January 31, 1930

ARTHUR W. BUELL, M.D., 911-925 Pacific Southwest Bldg., Long Beach, Calif.
E. P. CLAPP, M.D., 300 Elevado Dr., Pasadena, Calif.
REV. HUGH K. WALKER, D.D., 2642 Van Buren St., Los Angeles, Calif.
REV. WILLIAM STEWART YOUNG, D.D., 573 S. Boyle Ave., Los Angeles.

Term Expiring January 31, 1931

REV. REMSEN DU BOIS BIRD, D.D., Occidental College, Los Angeles.
JAMES MARWICK, Braemar Ranch, Santa Barbara, Calif.
ALMER MAYO NEWHALL, Newhall Bldg., San Francisco, Calif.
HERBERT G. WYLIE, 120 Broadway, New York City, New York.

ALUMNI TRUSTEES

Term Expiring January 31, 1928

DAN HAMMACK, 419 American Bank Bldg., Los Angeles, Calif.

Term Expiring January 31, 1929

Trustee to Be Elected.

Term Expiring January 31, 1930

Trustee to Be Elected.

Part II

OFFICERS OF ADMINISTRATION AND INSTRUCTION



OFFICERS OF THE ADMINISTRATION

REMSEN DU BOIS BIRD, A.B., B.D., D.D.	- - -	<i>President</i>
THOMAS G. BURT, A.B., A.M., PH.D.	- - - - -	<i>Dean</i>
ROBERT GLASS CLELAND, A.B., PH.D.	- -	<i>Dean of Men</i>
IRENE T. MYERS, A.B., PH.D.	- - - - -	<i>Dean of Women</i>
FRED F. McLAIN, A.B.	- - - - -	<i>Comptroller</i>
LOWELL J. CHAWNER, A.B.	- - - - -	<i>Registrar</i>
ELIZABETH JOHNSTON McCLOY, A.B.	- - - - -	<i>Librarian</i>
GEORGE FOX COOK, A.B., PH.D.	- - - - -	<i>Librarian</i>
ELIZABETH ADA FALES	- - - - -	<i>Assistant Librarian</i>
JOHN PRICE ODELL, A.B., M.A.	- -	<i>Assistant Librarian</i>
KENNETH SMILEY, A.B., M.D.	- - -	<i>College Physician</i>
JULIA A. PIPAL	- - - - -	<i>Advisor Social Activities</i>
GRACE M. STOCKWELL, A.B.	-	<i>Secretary to the President</i>
MABEL C. THAYER	- - - - -	<i>Assistant Registrar</i>
MARJORIE WILLIAMS	- - - - -	<i>Secretary to the Dean</i>
LUCILLE M. JACKSON, A.B.	- - - - -	
- - - - -		<i>Alumni and Constituency Secretary</i>
EDITH A. LAWRIE	- - - - -	<i>Office Assistant</i>
PHILIP G. McDUFFIE, A.B.	- - - - -	<i>Accountant</i>
THOMAS BERRESFORD	- - -	<i>Superintendent of Grounds</i>

COMMITTEES OF THE FACULTY

1925-1926

SECRETARY OF THE FACULTY:

Professor F. L. Bird.

ADVISORY:

The President, Deans Burt, Myers, Cleland, Professors Stelter, Sinclair, Esterly.

STUDENT CONDUCT AND SCHOLARSHIP:

Deans Burt, Myers, Cleland, Professors Ward, Esterly, Allen, Lindsley, and Chawner.

ADMISSION, CLASSIFICATION AND REGISTRATION:

Professor Chawner, Dean Cleland, Dean Burt, Professors Lowther, Smiley, Allen, Stelter, Hardy, and Selle.

COURSE OF STUDY:

Professor Stelter, Dean Burt, Dean Cleland, Professors Sinclair, Chawner, Shedd, Bird, Lowther, Esterly, MacIntyre.

GRADUATE STUDY:

Professors Sinclair, Lowther, Stelter, Hardy, Shedd, Smiley, Dean Burt.

SCHEDULE AND EXAMINATIONS:

Professors Chawner, Allen, Ward, Shedd, Wiley, Hodgdon.

PUBLIC EVENTS, GREEK THEATER:

Professors Lindsley, Allison, Smiley, Carruthers, Hardy, Chawner, Ward, Mr. McLain, Miss Stockwell.

PUBLICATIONS:

Professors Chawner, Ward, Martin, Thompson, Lindsley, Bonelli, Miss Kinney.

LIBRARY:

Miss McCloy, Professors Cook, Lowther, Martin, Smiley.

GROUNDS, BUILDINGS:

Mr. McLain, Professors Smiley, Bell, A. N. Cook, Mr. Smith.

LABORATORIES:

Professors Shedd, Cook, Esterly, Smiley, Morse, Selle, Mr. Wiggins.

RELIGIOUS LIFE:

Professors Carruthers, Wieman, Allison, Day, Wright, Cunningham, Ballard.

SOCIAL LIFE:

Dean Myers, Mrs. Pipal, Professors Day, Hodgdon, Wright, Thompson.

CLUBS AND FRATERNITIES:

WOMEN—Dean Myers, Miss Kinney, Mrs. Pipal, Miss Stearns, Miss Cunningham.

MEN—Professors Bird, Shedd, Martin, Day, Dean Cleland, Mr. McLain.

HEALTH:

Dr. Kenneth Smiley, Professors Allison, Hodgdon, Pipal.

EXTENSION:

Professors Bird, Stelter, Smiley, Selle, Chawner, Hardy, Mr. McLain.

PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS:

WOMEN—Misses Hodgdon, Stearns, Kinney, Christie, Mrs. Pipal.

MEN—Professors Esterly, Hardy, Lindsley, Pipal, Sinclair, Mr. Smith, Mr. Ellsworth.

THE FACULTY

- REMSSEN DU BOIS BIRD President's House, Campus
President of the College (1921)*
 A.B. Lafayette College, 1909; B.D. Princeton Theological Seminary, 1912; D.D. Lafayette College, 1919.
- ERNEST E. ALLEN 129 S. Avenue 53, Los Angeles
Professor of Mathematics (1902)
 A.B. Park College, 1899, M.A. 1903.
- WILLIAM B. ALLISON 1803 Campus Road, Eagle Rock
Professor of Spanish (1922)
 A.B. Washington and Jefferson College, 1890, M.A. 1893.
- WILLIAM W. ANDERSON 600 N. Normandie Ave., Los Angeles
Instructor in Physical Education (1924)
 A.B. University of Illinois, 1917.
- J. HUDSON BALLARD 394 Lincoln Ave., Pomona
Professor of Religious Education (1926)
 A.B. University of California; A.M. Columbia University; Ped.M. New York University; Ph.D. New York University.
- WILLIAM GORDON BELL 5629 Hub St., Los Angeles
Professor of French (1909)
 Ph.B. University of Colorado, 1903, M.A. 1904.
- FREDERICK LUCIEN BIRD 2030 Escarpa Dr., Los Angeles
Professor of Political Science (1921)
 A.B. Lafayette College, 1913; M.A. Columbia University, 1921.
- MIRA S. BIRD 2030 Escarpa Dr., Los Angeles
Instructor in Dietetics and Public Nursing (1922)
 R.N. (Indiana), 1912.

* The year of first appointment is given after each name.

- WILLIAM GEORGE BONELLI 2421 Merton Ave., Eagle Rock
Assistant Professor of Political Science (1923)
 A.B. University of Southern California, 1916; M.A. Occidental College, 1924; J.D. Southwestern University, 1925.
- MARGUERITE BRINEGAR 5203 Hermosa Ave., Eagle Rock
Instructor in Chemistry (1925)
 A.B. Occidental College, 1925.
- THOMAS G. BURT 5323 Aldama St., Los Angeles
Dean and Professor of Philosophy (1909)
 A.B. Hamilton College, 1895, M.A. 1898; Ph.D. Kansas City University, 1901.
- JOHN F. B. CARRUTHERS 375 San Rafael Ave., Pasadena
Extension Professor of Religious Education (1924)
 A.B. Princeton University, 1912, M.A. 1917; S.T.B. Princeton Theological Seminary, 1917; D.D. Lafayette College, 1924.
- ELBERT E. CHANDLER 1831 Woodrow Ave., Eagle Rock
Professor of Chemistry (1909)
 A.B. William Jewel College, 1891; LL.B. University of Michigan, 1893; Ph.D. University of Chicago, 1906.
- LOWELL J. CHAWNER 765 Summit Ave., Pasadena
Registrar and Assistant Professor of Economics (1924)
 A.B. Occidental College, 1921.
- JEAN CHRISTIE 1761 N. Fair Oaks Ave., Pasadena
Instructor in French (1922)
 A.B. Wellesley College, 1915; M.A. Columbia University, 1916.
- WILKIE COLLINS CLARK 802 S. Ogden Dr., Los Angeles
Coach of Baseball (1924)
 B.S. University of Maine, 1900.
- ROBERT GLASS CLELAND 1720 Fletcher Ave., South Pasadena
Dean of Men and Norman Bridge Professor of Hispanic-American History (1912)
 A.B. Occidental College, 1907; Ph.D. Princeton University, 1912.
- ARTHUR M. CLIFFORD 317 Markham Pl., Pasadena
Lecturer in Economics (1923)
 A.B. Yale University, 1904.
- JOHN ADAMS COMSTOCK 121 E. Avenue 44, Los Angeles
Instructor in Zoology (1920)
 F.E.S., M.D.
- ALFRED N. COOK 4903 Buchanan St., Los Angeles
Associate Professor of Chemistry (1924)
 B.S. Knox College, 1890; Ph.D. University of Wisconsin, 1908.
- GEORGE FOX COOK 1117 W. Avenue 54, Los Angeles
Librarian and Professor of Education (1907)
 A.B. Baker University, 1893; Ph.D. Little Rock University, 1895.
- MARY CARRUTH CUNNINGHAM 221 W. Avenue 54, Los Angeles
Associate Professor of Art (1904)
 M.A. Occidental College, 1909.
- FRANCIS L. DAUGHERTY 100 Commonwealth Ave., Alhambra
Instructor in Physical Education (1923)

- GEORGE MARTIN DAY 457 W. Seventh St., Claremont
Professor of Economics and Sociology (1923)
 A.B. Hamilton College, 1905, M.A. 1908.
- J. PHILIP ELLSWORTH 1709½ Campus Road, Los Angeles
Instructor in Accounting (1925)
 A.B. Occidental College, 1924.
- WALLACE EMERSON 1418 Holbrook Ave., Eagle Rock
Assistant Professor of Education (1925)
 A.B. Huron College, 1916; M.A. Stanford University, 1923.
- CALVIN PARDEE ERDMAN
Professor of Religious Education (1922)
 A.B. Princeton University, 1915, M.A. 1921; S.T.B. Princeton
 Theological Seminary, 1921.
- ALVIN O. ESTERLY 1481 Campus Road, Los Angeles
Professor of Zoology (1907)
 A.B. University of California, 1902, M.A. 1904; Ph.D. Harvard University, 1907.
- DONALD MCCOY FRASER
Instructor in Geology (1926)
 B.A. University of Oregon, 1925, M.A. 1926.
- OSGOOD HARDY 1763 Campus Road, Los Angeles
Assistant Professor of History (1923)
 A.B. Pomona College, 1910; A.B. Yale University, 1913, M.A. 1911;
 Ph.D. University of California, 1925.
- CAROLINE EMERSON HODGDON 1042 Farnum St., Los Angeles
Associate Professor of Hygiene and Physical Education (1923)
 H.P.E. Wellesley College, 1910.
- EDGAR HARRISON KIENHOLZ
Professor of Physical Education (1926)
 A.B. and M.A. Washington State College.
- ERNESTINE A. KINNEY 1622 W. Avenue 46, Los Angeles
Instructor in Education (1925)
 A.B. Occidental College, 1917; M.A. University of California, 1918.
- CHARLES F. LINDSLEY 2027 Ridgeview Ave., Los Angeles
Professor of Speech Education (1923)
 A.B. Ohio State University, 1915, M.A. 1916.
- HUGH S. LOWTHER 330 Santa Anita St., San Gabriel
Professor of Latin (1924)
 A.B. Syracuse University, 1899; Ph.D. University of Pennsylvania,
 1904.
- WYNNE MACE
Tennis Coach (1925)
 Princeton University.
- CARLYLE FERREN MACINTYRE 1820 Bushnell Ave., South Pasadena
Assistant Professor of English (1924)
 A.B. University of Southern California, 1916, M.A. 1920; Ph.D. University of Marburg, 1923.
- ROBERT GRANT MARTIN 480 S. Euclid Ave., Pasadena
Professor of English (1924)
 A.B. Brown University, 1904; M.A. Harvard University, 1905, Ph.D.
 1910.

- CHARLES BARCLAY MOORE 530 W. Avenue 54, Los Angeles
Lecturer in Education (1922)
 A.B. Wabash College, 1900; M. A. Columbia University, 1902.
- VIRGIL FRANKLIN MORSE R.R. 5, Box 316, San Fernando
Assistant Professor of Mathematics and Mechanical Drawing (1922)
 B.S. in E.E. California Institute of Technology, 1914.
- IRENE T. MYERS 430 S. Grand Ave., Pasadena
Dean of Women and Professor of History (1917)
 A.B. Bethany College; Ph.D. Yale University.
- GEORGES NIVON
Associate Professor of Modern Languages (1926)
 A.B. and M.A. State College of Washington, 1921.
- JOHN PRICE ODELL 1279 N. Los Robles Ave., Pasadena
Assistant Librarian and Associate Professor of English (1909)
 A.B. Northwestern University, 1894, M.A. 1909.
- JOSEPH A. PIPAL 4843 Baltimore St., Los Angeles
Professor of Physical Education and Track Coach
- ALICE M. ROBERTSON 526 N. Madison Ave., Pasadena
Lecturer in Religious Education for Year 1925-1926
 Litt.B. Boston University, 1912, M.A. 1918.
- RAYMOND M. SELLE 1562 Munson Ave., Los Angeles
Assistant Professor of Zoology (1923)
 B.S. Occidental College, 1920; M.A. University of California, 1921.
- JOHN CUTLER SHEDD 2303 Colorado Blvd., Eagle Rock
Professor of Physics (1916)
 A.B. Princeton University, 1891; M.S. Cornell University, 1892; Ph.D. University of Wisconsin, 1899.
- CARLTON A. SHEFFIELD 1501 Campus Road, Los Angeles
Instructor in English (1925)
 A.B. Stanford University, 1923.
- JAMES HUNTLY SINCLAIR 763 Oakland Ave., Pasadena
Professor of Education (1922)
 B.A. Oxon. 1911, M.A. 1915; Ph.D. Syracuse University, 1916.
- FRANK J. SMILEY 1493 Campus Road, Los Angeles
Professor of Botany and Geology (1916)
 A.B. Stanford University, 1913, M.A. 1914; M.A. Harvard University, 1914, Ph.D. 1917.
- OKLA E. SMITH 2127 Laverna Ave., Los Angeles
Assistant Director of Athletics (1923)
 LL.B. Drake University, 1923.
- WINIFRED KELLOGG STEARNS 522 S. Coronado, Los Angeles
Instructor in Physical Education for Women (1924)
- BENJAMIN F. STELTER 2042 Escarpa Dr., Los Angeles
Professor of English (1921)
 A.B. University of Kansas, 1905; M.A. Yale University, 1909; Ph.D. Cornell University, 1913.
- WILLIAM S. STEVENSON 736 Locust Ave., Long Beach
Professor of Sociology, Emeritus (1899)
 A.B. College of the City of New York, 1867; LL.D. Occidental College, 1909.

- DAVID JEFFERSON TEVIOTDALE R. F. D. 3, Box 270, Pasadena
Instructor in Economics (1925)
 B.A. University of Alberta, M.A. 1921.
- GUY A. THOMPSON 5122 Rockland Ave., Eagle Rock
Associate Professor of English (1920)
 A.B. University of Illinois, 1898; A. B. Harvard University, 1900,
 M.A. 1901; Ph.D. University of Chicago, 1912.
- JOYCE JEWELL TURNER 816 N. Mariposa Ave., Los Angeles
Instructor in Speech Education (1925)
 A.B. University of California, Southern Branch, 1925.
- WILLIAM DENNIS WARD 1515 Campus Road, Los Angeles
Professor of Greek (1906)
 A.B. Wabash College, 1881, M.A. 1888; Ph.D. Wooster University,
 1898.
- KEM WEBBER 4218 Bernice Ave., Los Angeles
Instructor in Art
- ROY WHEELER 1601 Campus Road, Eagle Rock
Instructor in Zoology (1926)
 Occidental College.
- HENRY NELSON WIEMAN 1981 Addison Way, Los Angeles
Professor of Philosophy (1924)
 A.B. Park College, 1907; Ph.D. Harvard University, 1917.
- IRA L. WIGGINS 29 N. Marion Ave., Pasadena
Instructor in Botany (1925)
 A.B. Occidental College, 1922; M.A. Stanford University, 1925.
- ARTHUR STERLING WILEY 3906 W. First St., Los Angeles
Assistant Professor of Romance Languages (1922)
 A.B. Harvard University, 1922.
- THOMAS HOWARD WRIGHT 2025 S. Vermont Ave., Los Angeles
Assistant Professor of Philosophy (1924)
 A.B. Transylvania College, 1921; M.A. Columbia University, 1924.
- JOHN PARKE YOUNG 573 S. Boyle Ave., Los Angeles
Professor of Economics (1926)
 A.B. Occidental College, 1917; M.A. Columbia University, 1919; M.A.
 Princeton University, 1920, Ph.D. 1922.
-
- WALTER E. HARTLEY
Director of the Department of Music (1926)
 A.B., Mus.B. Yale University.

Part III

GOVERNMENT, HISTORY AND EQUIPMENT



GOVERNMENT OF THE COLLEGE

By the Articles of Incorporation the government of Occidental College is committed to a self-perpetuating association for maintaining the corporation under the laws of the State of California. The Board normally consists of thirty members, three of whom are elected from nominations made by the Alumni Association. Trustees elected at large serve for a period of five years and those elected from nominations from the Alumni Association serve for a period of three years. All Trustees must be citizens of the United States, members of an evangelical church, and a majority must be residents of California.

THE BOARD is empowered "to receive and to hold real and personal property; to erect buildings, established and maintained for educational purposes, with all power necessary to maintain and conduct a non-sectarian college of Liberal Arts and Natural Sciences; to grant such literary honors as are usually granted by any college of learning in the United States, and to give suitable diplomas under seal and signature of such officers of the College as shall be deemed expedient." It elects administrative, instructional, and other officers and determines the general policies of management and control. The Articles of Incorporation provide that "the teaching and management of the College shall always be in accord with that of the evangelical Chris-

tian churches concerning fundamental doctrines of Christianity.'"

THE PRESIDENT, with the aid of the administrative officers and faculty, has power and authority in all the general administrative functions within the College. He appoints the Standing Committees of the Faculty, which administer for the faculty within their various provinces.

THE PRESIDENT'S ADVISORY COMMITTEE, recognized in 1918 as an integral part of the Administration, is composed of the Dean, the Dean of Men, the Dean of Women, and three faculty members elected by the faculty. Executive acts relating to faculty position and tenure of office are submitted by the President to the Advisory Committee.

THE DEAN OF THE COLLEGE, as an administrative officer, assists the President, is a member of his Advisory Committee, and in general has charge of all matters pertaining to the interests of students.

THE DEAN OF MEN and THE DEAN OF WOMEN, as administrative officers and members of the President's Advisory Committee, are respectively concerned with all matters pertaining to the interests of men and women in the College, including a general supervision of their boarding and housing conditions and of their social life. Each also acts in an advisory capacity regarding the general and personal plans and activities of men and women students.

THE COMPTROLLER is the chief business officer of the College. He is responsible to Board of Trustees for the management of the college property, for the handling of all fees or moneys accruing to the college, and for such other duties as the Board may direct.

THE DEPARTMENTAL FACULTIES offer such courses as have been approved by the proper faculty committee, have direction of the work of instruction, and through the heads administer the affairs of the departments.

IMPORTANT EVENTS IN THE HISTORY OF THE
COLLEGE

- 1885—Pastors and laymen of the Presbyterian churches of Los Angeles organized under Rev. William Stewart Young, D.D., for the founding of a Christian institution of higher learning in Los Angeles.
- 1886—"The Presbyterian Ministerial Union," superseding the former organization, requested Rev. Samuel H. Weller, D.D., to outline the plan of the college.
- 1887—April 20th. "The Occidental University of Los Angeles" incorporated.
- 1888—Formal opening of institution, September 11th, under presidency of Dr. Samuel H. Weller.
- 1888—McPherron Academy, founded 1886, absorbed as part of the College.
- 1892—July 8th. With other changes in charter, the name of the institution became "The Occidental College of Los Angeles."
- 1893—First degrees granted.
- 1894—Alumni Association organized.
- 1905—Associated Student Body organized.
- 1910—Academy voted discontinued; instruction to close June, 1912.
- 1910—April 7th. With changes in charter, the College became non-sectarian.
- 1911—Graduate Council of Alumni Association organized.
- 1914—Establishment of the College on the present campus in Eagle Rock.
- 1918—Federal S. A. T. C. and R. O. T. C. established and continued until 1919.
- 1921—The granting of the State High School Teachers' Credential in Physical Education authorized by the State Board of Education.
- 1921—April 20th. Founders' Day established.
- 1922—Women graduates admitted to membership in the American Association of University Women.
- 1922—Graduate School established.
- 1922—School of Education established; granting of California Elementary and High School Teachers' Credentials authorized by the State Board of Education.

- 1924—January 1st. Campaign to add half million to endowment completed, with \$150,000 additional subscribed.
- 1924—Plan of enlargement of college to provide separate education for men and women announced. Conveyance by Mr. Alphonzo Bell, '95, and associates of land near Beverly Hills for site for College for Men accepted by Trustees.
- 1925—Board of Trustees enlarged to include three members elected from nominations by the Alumni Association.
- 1925—Triennial Council of Phi Beta Kappa voted establishment of Chapter at Occidental.

SUCCESSION OF PRESIDENTS

Following is the succession of Presidents of the College:

*SAMUEL H. WELLER, D.D., 1887-1891.

*J. M. McPHERRON, A.M., 1891-1894.

*ELBERT N. CONDIT, A.M., 1894-1896.

J. W. PARKHILL, D.D., 1896-1897.

GUY W. WADSWORTH, D.D., 1897-1905.

W. S. YOUNG, D.D. (*Acting*), 1905-1906.

JOHN WILLIS BAER, LITT.D., LL.D., 1906-1916.

THOMAS G. BURT, PH.D. (*Acting*), 1916-1917.

SILAS EVANS, D.D., LL.D., 1917-1920.

THOMAS G. BURT, PH.D., (*Acting*), 1920-1921.

REMSEN DU BOIS BIRD, D.D., 1921—

LOCATION AND ENVIRONMENT

Occidental College is situated in the northern suburbs of Los Angeles, the metropolitan educational and cultural center of the Pacific Southwest. Its location affords the College exceptional opportunities of contact with representative national culture, particularly in regard to the arts, social sciences, religious education, and humanities. Several libraries and museums, containing collections of

* Deceased.

great scientific interest and value, are located in and about the city. Among these are the Huntington Library, with its world-famous collections of rare volumes; the Los Angeles Public Library of over six hundred thousand volumes; the Southwest Museum, containing a remarkable collection of early California and old Spanish records; the Otis Memorial Art Institute; the Clark Astronomical Museum; and the Art Museum and State Exhibit at Exposition Park. Within a few miles of the College are the Mt. Lowe and Mt. Wilson Astronomical Observatories. Los Angeles is well known as an artistic center in musical, dramatic, and graphic arts. Numerous exhibitions and concerts are held in the city annually; it is visited by all leading dramatic productions; its frequent conventions bring state and national discussion of political, social, and religious interests; its religious institutions afford opportunity for a rich and liberal spiritual education; and it numbers among its visitors many scholars and lecturers nationally and internationally famous. Because of these many educational advantages, Los Angeles is increasingly being recognized as a center of culture and learning.

The College Campus is in proximity to these interests, yet sufficiently removed from city distractions. The Campus is composed of nearly a hundred acres, resembling in shape a roughly drawn semicircle. Low hills mark its diameter, while the curved portion includes a considerable section of valley. One of its charms, as seen from its highest point, is its diversity. Above its hills rise the Sierra Madre Mountains, including Mt. Lowe and Mt. Wilson. In two other directions the sky line is broken by Verdugo and Santa Monica ranges. A lower area toward the southwest gives direct access to the sea breeze, which purifies and tempers the atmosphere. The climate is unusually healthful and attractive, with an average temperature for the

months during which the college is in session of sixty degrees, with a normal average rainfall of sixteen inches, confined chiefly to the months from December to March, and with sunshine practically every day of the year.

The natural topography of the site lends itself to the development of an attractive campus. The main entrance from Alumni Avenue is by the William Meade Orr Gate and through an ornamental drive lined on each side by graceful eucalyptus. The academic buildings, the library, and the hall of residence for men surround an attractive quadrangle at the foot of the hills which rise to the east. To the north and east of the quadrangle and farther up the slope are the residence halls for women. Ensconced in a clump of stately oaks on the northern edge of the campus is the residence of the President. A convenient natural hollow in the hills in the northeastern quarter of the campus has made possible the construction of a splendid open-air theater. The general landscape treatment of the campus with trees, shrubs, and lawn contributes toward a distinctly pleasing and congenial environment.

BUILDINGS AND EQUIPMENT

The present material equipment includes five major buildings and several secondary structures such as the Hillside Theater, the President's House, the College Commons and the Athletic Stadium. The structural frame of the academic buildings is of reinforced concrete, of class A construction, and strictly fireproof.

JOHNSON HALL is the gift of Mr. and Mrs. O. T. Johnson of Los Angeles, who are credited with various other generousities to the College. In Johnson Hall are located the Administrative offices, the College Post Office, the Students' Co-operative Book Store, and approximately twenty rooms devoted to lecture and class room instruction. In the south

end of the building is a Chapel of Old English type, known as Alumni Hall. *Erected 1914.*

FOWLER HALL was erected as a memorial to Eldridge M. Fowler of Pasadena by his daughter and granddaughter. Fowler Hall provides commodious, well arranged quarters for the departments of natural sciences. The laboratories incorporate the usual facilities and adequate modern apparatus demanded for demonstration and experiment. Part of the first floor is occupied by the Young Woman's Christian Association Hall and the social room for women, Young Men's Christian Association quarters and locker rooms for men. *Erected 1914*

THE UPPER QUADRANGLE, an ornamental terrace which separates these building, is approached by broad flights of concrete steps. From the terrace itself similar steps lead to the second floor of either building.

THE MARY NORTON CLAPP LIBRARY is an anonymous gift in memory of the wife of Dr. E. P. Clapp of the Board of Trustees. In addition to the reference, periodical and stack rooms, which normally constitute a well equipped library, this building also provides a number of seminar rooms particularly adapted to instruction in advanced and graduate courses. *Erected 1924.*

Through the generosity of David B. and Mary H. Gamble of Pasadena, the College has been provided with a special endowment fund of fifty thousand dollars, the income of which is devoted to the purchase of books for the library, which at present contains twenty-five thousand volumes. Magazines, in file and current numbers, are also available. The advantages of the Los Angeles Public Library, containing over six hundred thousand volumes, are available to all members of the College.

JAMES SWAN HALL, at the west side of the main quadrangle.

gle, is a residence hall for men, erected by Mrs. Frances B. Swan of Pasadena as a tribute to her husband. On the ground floor is a large club room, well-furnished, with open fireplace, and home-like appointments. Special features of the dormitory are the sleeping balconies on the top floor. Of strictly fireproof, modern construction, the hall provides comfortable living quarters for men students at a reasonable cost. *Erected 1914.*

BERTHA HARTON ORR HALL, the first unit of the group of residences for women, was given by Mr. William Meade Orr in memory of his wife. This comfortably appointed residence hall offers home-like living quarters, with modern equipment, to sixty students and to the Head Resident. It has hospitable living-rooms, kitchenettes on each floor, and a laundry and storage room in the basement. It is in general harmony with the permanent campus buildings, but its sunny arcades and gardens and picturesque galleries and low tower give it an individual charm. *Erected 1925.*

THE COMMONS, located at the north of the quadrangle, furnishes accommodations adequate for providing the entire college with wholesome food at moderate cost.

THE WOMEN'S GYMNASIUM, situated north of Johnson Hall, contains rooms for examination and clinic, offices for the administration of the Department of Physical Education and Hygiene for Women, locker rooms, hot and cold baths, indoor and outdoor courts, modern apparatus, and other equipment required for training in physical education. The large indoor court provides ample space for mass drill or for assembly in an auditorium with capacity of five hundred. *Erected 1922.*

THE W. C. PATTERSON STADIUM AND ATHLETIC FIELD, named in honor of a friend of the College, and for years

one of its Trustees, was erected by Mrs. Patterson. The concrete bleachers at each side of the athletic field, with the covered grandstand at the north end, have a combined seating capacity of seven thousand five hundred. In connection with these structures, dressing rooms, lockers, and shower baths are provided. The enclosed athletic field provides turf football field, baseball diamond, track, and other equipment and facilities ample for physical training and outdoor sports.

Erected 1914.

THE TENNIS COURTS are the gift of Mr. A. E. Bell, a member of the first graduating class of the College and of the Board of Trustees.

THE ALUMNI GYMNASIUM. Contracts have recently been let for the construction of a new gymnasium to be built west of James Swan Hall and south of Patterson Field. It is expected that the building will be ready for use by September, 1926.

THE HEATING PLANT, centrally located, supplies steam heat in modern equipment for all the buildings.

THE PRESIDENT'S HOUSE is ensconced among the oaks at the north end of the campus.

Erected 1922.

THE WILLIAM MEADE ORR GATE marks the main entrance to the campus from Alumni Avenue.

THE HILLSIDE THEATER. The first unit of this structure is the gift of the Eagle Rock Community, Mr. Alphonzo Bell, '95, and other friends of the College. In the main it is Greek in design, but has a raised stage and a circular orchestral pit approached by a stepped ramp. Though incomplete, the present theater has a seating capacity of approximately five thousand, and is equipped with storage space and dressing rooms beneath the stage on each side. The theater is noted for its picturesque location and for its remarkable acoustic properties.

Erected 1925.

Part IV

ADMISSION TO THE COLLEGE

All correspondence concerning admission should be addressed to the Chairman of the Committee on Admission.

GENERAL REQUIREMENTS

Occidental College clearly recognizes the importance of sound moral character in addition to thorough academic work. Careful consideration is therefore given to the moral and intellectual qualities of each applicant as well as to his academic record in preparatory schools or other institutions previously attended.

Each applicant for admission must file an application with the Chairman of the Committee on Admission, and must furnish complete statements of his academic record and testimonials concerning his character and intellectual abilities. Forms for this purpose will be furnished upon request. Applicants for admission are classified as follows:

- 1—Admission to the freshman class.
 - By certificate from an accredited high school.
 - By examination.
- 2—Admission with advanced standing from other colleges or universities or from junior colleges.
- 3—Admission as a special student.
- 4—Admission to the Graduate School.

For the statement concerning admission to the Graduate School see Part VIII of this catalogue. A further explanation of admission to undergraduate standing is given below.

TUITION FEE DEPOSIT

Each application for admission must be accompanied by

a deposit of twenty-five dollars on the tuition fee of the first semester before an applicant is placed on the accepted list. Fifteen dollars of this sum will be returned in case of withdrawal before September first. After that date no refund will be made.

1—ADMISSION TO THE FRESHMAN CLASS

For the year 1926-1927 the registration of freshmen will be limited to approximately 200. A number of candidates will be placed upon the accepted list in the order of their application. When this limited list is closed, all applicants will be received on a competitive basis, the Committee on Admission reserving the right to select those whose record and personality indicate them best qualified to profit by the opportunities which the College affords. Preference will also be given to those who signify their intention of continuing at Occidental through the entire four-year course. An applicant must be at least sixteen years of age at the time of entrance.

ADMISSION BY CERTIFICATE

Certified graduates of preparatory schools who meet the following requirements may be admitted to freshman standing without entrance examinations:

1—The school must be accredited by the College.

For the high schools of the State the accepted standard of accreditation is set by the State Board of Education, which by a resolution directs that "all public high school curricula in California quire for graduation after July 1, 1920, the following: English, 2 units; United States History and Civics, 1 unit; laboratory science, 1 unit; and all such curricula must be so organized as to include two majors of at least 3 units each—a major consisting of three years of study in one of the following groups: (1) English (in vocational courses 1 unit of citizenship may be included with 2 units of English to make one major); (2) mathematics, including mechanical drawing; (3) history and social sciences; (4) physical and biological

sciences; (5) foreign languages—3 or more units in one language, or two units in each of two languages.”

For schools outside of California, the list of standard accrediting boards and associations and of the different state universities will be consulted; or the equivalent of the California requirements will be determined by the faculty Committee on Admission.

2—The applicant must present a minimum of fifteen entrance units, at least twelve of which must be of recommended grade.

Each entrance unit represents preparatory work in an accredited school in one subject during a year of thirty-six to forty weeks, with daily recitations of not less than forty-five minutes each, or double this amount of time in the laboratory.

3—The fifteen units offered for entrance must include:

English	2 units
A Foreign Language.....	2 units
United States History and Civics.....	1 unit
A Laboratory Science.....	1 unit
(Chosen from 3a, b, c, d, e, f of Admission Subjects)	
Algebra	1 unit
Geometry	1 unit
Electives	7 units
(Not more than three from subjects 7, 8, 9, 10, 11, 12, 13 on the list of Admission Subjects.)	

4—Each applicant must be personally recommended by the principal of the school as fit to be admitted into the College by reason of his ability and scholarship, his seriousness of purpose, and his moral character. This statement is included in the recommendation blank furnished by the College, which must be filled out with the candidate's record and other desired information, and signed by the principal.

ADMISSION BY EXAMINATION

The following classes of applicants may qualify for entrance by examination:

1—A graduate of an accredited high school with recom-

mended credits in less than the required twelve recommended units may enter by passing satisfactory examinations in a sufficient number of credits to meet the requirements. *Recent graduates of accredited high schools shall not be eligible for these examinations without presenting evidence of additional preparation either by tutoring, summer school work, or other form of instruction.*

2—A graduate of a preparatory school not accredited, who is strongly recommended by the principal of his school, will be admitted upon passing satisfactory examinations in such subjects as will meet the entrance requirements of the College.

3—Any applicant may be admitted by passing satisfactory examinations in all subjects constituting a standard high school course necessary for entrance. The arrangement of subjects to be presented may be made with advice of the Chairman of the Committee on Admission. The subjects required will depend upon the applicant's maturity, previous training, and proposed course of study in the College.

Application for admission on less than twelve units will not be considered. Laboratory notebooks must be presented at the time of examination by applicants who take entrance examinations in science.

ENTRANCE EXAMINATIONS AT THE COLLEGE

Entrance examinations may be taken at the College on fixed dates set for that purpose during the week preceding the beginning of each semester. Application for such examinations must be in the hands of the Chairman of the Committee on Admission by August 31 for the first semester and by January 15 for the second semester. A fee of two dollars is charged for each examination in each subject.

COLLEGE ENTRANCE BOARD EXAMINATIONS

Partial or complete certification by examination may be presented in official reports of successful examinations taken under the direction of the College Entrance Examination Board, which holds its examinations usually in June in Los Angeles and in various localities throughout the United States. Requests for information regarding these examinations must be addressed to the College Entrance Examination Board, 431 West 117th Street, New York, N. Y.; and application to take the same must be made on a form provided upon request by the Secretary of the Board. Requirements in the various subjects in which examinations are held may be had in Document 114 (price twenty cents), issued by the Secretary of the Board.

ADMISSION SUBJECTS

A list of admission subjects, with the amount of matriculation credit allowed in each, is given below. For a description of these preparatory subjects reference should be made to the announcement of the College Entrance Examination Board mentioned above. Subjects for which equivalent courses are offered in the College are marked with the dagger (†). Descriptions of these may be found in the announcement of Courses of Instruction.

No.	Units	No.	Units
1a English, Elementary.....	2	†5b ⁴ Latin, Advanced, 4th year..	1
1b English, Advanced I.....	1	†5c ¹ French, Elem., 1 yr. of 5c ²	1
1c English, Advanced II.....	1	†5c ² French, Elementary.....	2
2a Algebra, Elementary.....	1	†5c ³ French, Intermediate.....	1
2b ¹ Algebraic Theory, I.....	$\frac{1}{2}$	†5c ⁴ French, Advanced.....	1
2b ² Algebraic Theory, II.....	$\frac{1}{2}$	5d ¹ German, Elem., 1 yr. of 5d ²	1
2c Plane Geometry.....	1	†5d ² German, Elementary.....	2
2d Solid Geometry.....	$\frac{1}{2}$	†5d ³ German, Intermediate.....	1
†2e Plane Trigonometry.....	$\frac{1}{2}$	†5d ⁴ German, Advanced.....	1
†2f Plane Analytic Geometry....	$\frac{1}{2}$	5e ¹ Spanish, Elem., 1 yr. of 5e ²	1
3a Physics.....	1	†5e ² Spanish, Elementary.....	2
3b Chemistry.....	1	†5e ³ Spanish, Intermediate.....	1
3c Physiology and Hygiene.....	1	†5e ⁴ Spanish, Advanced.....	1
3d Botany.....	1	†6a Freehand Drawing.....	1
3e Zoology.....	1	†6b Geometrical Drawing.....	1

3f Biology.....	1	7 Mechanical Arts.....	½-3
3g Physical Geography.....	1	8 Agriculture.....	½-3
3h Physical Science.....	1	9abc Home Economics.....	½-3
4a History and Gov. of U. S.	1	10a Music, Sight Singing and	
4b History, Ancient.....	1	Dictation.....	1
4c History, Med. and Mod.....	1	10b Music, Elements of	
4d History, English.....	1	Composition.....	1
†5a ¹ Greek, Elementary.....	1	10c Music, Instrumental and	
†5a ² Attic Prose.....	2	Vocal Technique.....	1
†5a ³ Attic Prose, Advanced.....	1½	10d Music, History of Modern	
†5a ⁴ Homer.....	1½	European Music.....	1
5b ¹ Latin, Elementary, 1st yr.	1	11 Bookkeeping.....	1
5b ² Latin, Elementary, 2d year	2	12 Stenography & Typewriting	½
†5b ³ Latin, Advanced, 3d year....	1	13 Military Science & Tactics	½

(Not more than three units may be elected from subjects 7, 8, 9, 10, 11, 12 and 13.)

2—ADMISSION WITH ADVANCED STANDING

Students from other institutions of recognized collegiate rank and from well-established junior colleges will be admitted to such advanced standing as the faculty Committee on Classification may find just and equitable. *Advanced standing will be granted only on the basis of official transcript of records, which will be kept permanently on file in the College office, showing in detail the work completed in other institutions, the basis upon which the applicant was matriculated, and a statement of honorable dismissal.*

Early graduates of the State Normal Schools, who are also graduates of accredited high schools, may enter the College with a credit of thirty-two units and exemption from certain prescribed lower division work in physical education and hygiene. Forty-eight unadjusted units will be allowed when the applicant in one semester's work can complete the subject requirements for the junior certificate. Beginning with the 1921 graduating class of California teacher's colleges, this advanced credit may be increased to sixty units for two years' work, or more for three years' work, whenever the courses completed in the teachers' college have been substantially the equivalent of the work of

the College. Credentials of graduates of teachers' colleges of other states are similarly evaluated. Should such students become candidates for the California High School Teacher's Credential they may be exempt from an additional one-half year of residence work required beyond the bachelor's degree.

In exceptional cases, permission may be given by the proper faculty committee to receive credit on examination for work equivalent to regular college courses, though not completed in an institution of recognized collegiate rank. Such examinations will cover the work as given in the College. Formal application for such examinations, with satisfactory evidence of the work completed, must be presented to the Registrar. *No college credit toward graduation is given for excess entrance units.*

The amount of credit accepted on transcript will be limited for each semester to the amount allowed under the rules of Occidental College. In no case will advanced standing be granted beyond one hundred units. Applicants must in all cases meet the scholarship requirements of the College, and must fulfill the entrance, junior certificate, and graduation requirements before they will be recommended for the degree.

Advanced standing granted either on transcript of credits or on examination is provisional during the first semester of residence.

Students already admitted to the College should consult the Registrar or the major department before undertaking summer session work. Not more than six units from any one summer session of six weeks will be credited toward the degree, either in the case of regular students or of those transferring from other institutions.

3—ADMISSION AS A SPECIAL STUDENT

Persons of maturity, giving evidence of unusual ability, whose preparation does not qualify them for regular entrance to the College, are sometimes admitted as special students, not candidates for the degree. As such, they are subject to the same regulations as properly matriculated students, though they are permitted to enroll only in such courses as they seem prepared to undertake. On withdrawing from the College they will be granted certificates showing the work completed. They may become candidates for the degree at any time by meeting all the entrance and College requirements.

A recent graduate of an accredited high school is not admitted as a special student. Such applicants must qualify for matriculation under the usual rules. On being regularly admitted, the student may, for sufficient reasons, be allowed to choose an elective or limited course of study; and upon special petition he may be excused from requirements in physical education and hygiene, provided he is not a candidate for the degree. He may subsequently become a candidate for the degree by meeting all the college requirements.

MATRICULATION DEFERRED

No student will be fully matriculated until he has successfully completed one semester at the College with a satisfactory record in scholarship. At the end of that time his record will be reviewed and his status determined in accordance with the rules governing scholarship.

Part V

PLAN OF UNDERGRADUATE STUDY

The regular undergraduate course extends normally through four academic years and leads to the degree of Bachelor of Arts. The first two years of the course are intended to provide a comprehensive but sound foundation in subjects such as English, the Social Sciences, Mathematics, the Natural Sciences, Foreign Languages, Religion, and Philosophy, a knowledge of the principles of which is generally considered essential to a liberal education. During the last two years of his course a student devotes himself largely to more intensified study in the particular major subject of his choice. In certain exceptional cases, discussed later under Suggested Courses of Study, a student may complete the fourth year of his course in an approved professional school.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

The Board of Trustees will, upon recommendation of the Faculty, confer the Bachelor of Arts degree upon a candidate who meets the requirements for that degree. The Faculty may recommend a student for the degree whenever the requirements have been met and when so recommended at a time other than at the regular commencement the student is assigned to the class of the calendar year in which the recommendation is made.

The recommendation of the faculty for the conferring of the degree is contingent upon the satisfaction of the following requirements:

1—*The completion of one hundred and twenty-four units of college credit.* This credit must be based on full satisfaction of all entrance requirements; and must be distributed in the proper manner over the work of the lower division, including all requirements for the junior certificate; and that of the upper division, including all requirements for the major and minor and for graduation. The requirements for graduation include a course in American Institutions as required by act of the State Legislature in Assembly Bill No. 307 of January, 1923. The requirements of the lower division and of the upper division are stated hereafter in detail. Certain exceptions are made in the case of students who are authorized to enter a professional school for the fourth year of their course.

Candidates for the degree and a state teacher's credential must complete the work required in practice teaching in addition to the one hundred and twenty-four units. Of the one hundred twenty-four units required for the degree not to exceed four units may be in physical education, gymnastics or sports. The election of work in any one department is limited to forty units.

2—*The attainment of an average grade of 3 for the entire course.* Advanced credit from other institutions must meet this requirement, though it will not be accepted as more than grade 3 in estimating the general average grade. The candidate must maintain an otherwise honorable record, which must be free from all conditions at least six weeks before graduation.

3—*The establishment of at least one year of residence, the final one of the course, with a minimum credit of twenty-four units of residence work, distributed as provided under the requirements of the upper division.*

THE LOWER DIVISION

The lower division consists of the work of the freshman and sophomore years, so arranged as to correlate in flexible manner with the student's high school course, to acquaint him with fundamental aspects of several fields of knowledge, and to prepare a broad foundation for the more intensive work of the upper division.

The junior certificate marks the completion of the lower division. It signifies that with few exceptions all prescribed subjects not directly related to the advanced work in the major and minor have been completed either in the high school course or in the lower division.

For the junior certificate, sixty-four units of college work are required, based on full satisfaction of all entrance requirements. All candidates for the degree must have qualified for the junior certificate before proceeding to the work of the upper division.

The specific requirements for the junior certificate are indicated below. Some of these may have been met in part or in whole in the high school, though the fulfillment of any of these requirements in the high school does not diminish the number of units required after admission to the College for qualification either for the junior certificate or for graduation.

The requirements are as follows:

1. Physical Education 2 units
One unit each year.
2. Religion 4 units
A two-unit course to be elected one semester of each year spent in the lower division.
3. Foreign Language 15 units
In not more than two languages. Each year taken in high school counts for three units. For a second language begun in college, only sixty per cent credit will be allowed.
4. Natural Science 12 units
Chemistry, Physics, or Biology taken in high school count for three units each in meeting the requirement, although not more than half of it may be so met. Any course taken in college in fulfillment of this requirement must include at least one unit of laboratory work for each semester in the subject.
5. English 9 units
Three units of this requirement may be elected in Speech Education.
6. History, Economics, Political Science 6 units
The six units must be in one subject.
7. Mathematics, Philosophy 6 units
The six units must be in one subject. If Mathematics be chosen, the requirement may be partly met in high school, provided the courses be plane trigonometry (2e), or plane analytic geometry (2f), each counting as two units.

In accordance with the scholastic requirements, a minimum average grade of 3 is necessary for advancement from the lower division.

The fulfillment of the requirements for graduation relative to a course in American Institutions may be met in the lower division by election of Political Science 1-2.

ADVICE REGARDING LOWER DIVISION WORK

While a student is meeting the specific subject requirements of the lower division, he may enter upon the work of other departments which he wishes to include in his college course; or he is entitled, though a lower division student, to proceed to such upper division courses as he may properly elect, all prerequisites as set by the departments having been satisfied. These courses constitute a part of his lower division program. However, until all requirements for the junior certificate have been met, upper division standing cannot be attained; and units accumulated by students of lower division standing beyond seventy in number, either in lower division or in upper division courses, cannot be counted as part of the one hundred and twenty-four required for graduation. In the case of students transferring from other institutions, sufficient adjustment of this regulation may be granted on petition to the Dean to permit of advantageous pursuit of studies.

As early in the lower division as possible, every student should determine the major and minor he later wishes to pursue, in order that their prerequisites may be included in his program of lower division courses. When a major subject has been chosen, the head of this department becomes the student's faculty adviser.

It should be noted that while in the lower division a student should not elect more units in his proposed major subject than are permitted under the regulation which forbids more than forty of the one hundred and twenty-four units required for graduation in any one department; for in general from eighteen to twenty-four units must be completed in a major subject after the student enters the upper division.

THE UPPER DIVISION

The upper division covers the work of the junior and senior years, normally amounting to sixty units. Except in the case of students transferring from other institutions, a candidate for the degree is not registered in the upper division until he has been awarded the junior certificate.

The requirements of the upper division are as follows:

1—The completion of a minimum of fifty-four units of college credit after the student has entered the upper division, with addi-

tional credit sufficient to raise the total number of units completed in the lower and upper divisions to one hundred and twenty-four.

2.—The inclusion of four units of Religion in the work of the upper division; *viz.*, an elective two-unit course one semester of each year spent in the upper division.

3.—The completion of a course in American Institutions (see Political Science 101), unless the requirement has been met in the lower division (see Political Science 1-2).

4.—The completion of a minimum of thirty-six units of upper division courses, after the student enters the upper division, not less than twenty-seven of which are devoted to a major in one subject and a minor in a related subject, eighteen units being the minimum for a major and nine the minimum for a minor.

5.—The attainment of an average grade of 3 in the work of the upper division as a whole. A student in the upper division, registered in a lower division course, may be required at the option of the instructor to complete additional work in the course.

MAJOR AND MINOR SUBJECTS

On entering the work of the upper division, following the receipt of the junior certificate, each student must have some selected some one department in which he proposes to do his major work. From the time of such selection the advice of this department must be sought in planning the work of his program, including the choice of a minor, and his schedule must have the department's approval before he can register. The minor department advises regarding the specific work of the minor subject.

Complete information regarding major and minor requirements may be found in the announcements of the several departments, especially as regards the number of units required or recommended in each, and prerequisite and prescribed courses.

The following general regulations relate to the administration of all departments, under the supervision of the Dean:

1—No department may require for any of its recommendations more than twenty-four units of upper division work in the major subject, nor more than twelve units in the minor. Units required in excess of the minimum of eighteen and nine, for major and minor respectively, may be wholly or partly from specified courses in related departments. A student will be graduated upon completion of the

minimum requirements in major and minor as specified in the announcements of the several departments.

2—Major departments shall be held responsible for the enforcement of the regulation providing that not more than forty units of the one hundred and twenty-four required for graduation may be elected by the student and counted in any one department.

3—A student transferring from another institution, who is granted senior standing, must complete eighteen of twenty-four units required in residence in the upper division, twelve of which must be in a major subject. Transfers of less than senior standing will be required to meet substantially all the regular requirements.

4—It is advised that students continue the work of the major department throughout the four semesters of the upper division. It is required that regular major courses be completed in each of three semesters, including the last two.

5—Each department may set its standard of scholarship requirements for majoring and minoring in the department somewhat higher than those required for graduation, provided the average grade required does not exceed 2.5. In general students who fail to attain an average grade of 3 in the work of the lower division of any department will not be accepted by that department as majors or minors. The recommendation of the major department is necessary for graduation. Each department shall report delinquent scholarship of its major students to the Dean at the close of each semester.

6—A change in the choice of a major, after the student has entered the upper division, may be made only on permission of the Dean and the consent of both the departments concerned. A change in a minor may be made on consent of the major department and the Dean. A student changing major or minor departments must meet all the requirements of the new department.

7—A change of major necessitated on account of a departmental disqualification in scholarship in the major subject may result in the student being placed on probation by the proper faculty committee; and a student so disqualified a second time may be disqualified by the College.

8—All departments in which any student is preparing a major for a teacher's credential require that the student consult the School of Education at the beginning of such work.

HONORS COURSE

A limited number of students in the upper division may read for honors in the major, minor, and professional subjects, under regulations laid down by the Curriculum Committee.

SUGGESTED COURSES OF STUDY

Each student who is looking forward to entering any of the professions or vocations indicated below should consult the following special advisers throughout his course:

<i>Business or Commerce</i>	-	-	-	-	-	DR. YOUNG
<i>Education, Teaching</i>	-	-	-	-	-	DR. SINCLAIR
<i>Engineering or Research</i>	-	-	-	-	-	{ DR. SHEDD DR. CHANDLER DR. SMILEY
<i>Law</i>	-	-	-	-	-	PROF. BONELLI
<i>Ministry</i>	-	-	-	-	-	DR. WARD
<i>Medicine or Nursing</i>	-	-	-	-	-	DR. ESTERLY
<i>Physical Education, Coaching</i>	-	-	-	-	-	PROF. KIENHOLZ

Other students should consult a member of the registration committee concerning their lower division courses of study, and their major professor concerning the upper division subject of their principal interest.

The courses of study suggested below are offered merely as tentative guides. They presume the completion of all entrance requirements.

1—*General Liberal Arts Course.*

Freshman Year: Physical Education (Gymnastics or Sports); English Composition; Religion (one semester); Intermediate Foreign Language (French, German, Spanish, Latin, or Greek); Physics, Chemistry, Botany, Zoology or Geology; and electives from lower division courses to make 16 units each semester.

Sophomore Year: Physical Education (Gymnastics or Sports); Foreign Language (unless met by excess in high school); History,

Economics, or Political Science; Mathematics or Philosophy; and electives from lower division courses to make 16 units each semester.

Junior and Senior Years: Specialized study in major and minor subjects.

2—*Business or Commerce.*

Students planning to enter business or commerce should complete the following courses in the lower division in addition to the specified courses required for the junior certificate: Economics 1-2, 3-4, and 15 (Principles and Problems, Economic Geography, and Accounting Theory respectively), Political Science 1-2 (Principles), 12 (Business Law), or a year course in History are also recommended.

Junior and Senior Years: Advanced courses in the Departments of Economics and Political Science, chosen in consultation with the student's adviser.

3—*Education, Teaching.*

See Department of Education, Part VII.

4—*Engineering.*

Students contemplating entering professional courses in Engineering after the completion of their work at Occidental should major in the department most nearly related to their interests, as follows:

Chemical Engineering, Department of Chemistry.

Civil Engineering, Department of Mathematics.

Electrical Engineering, Department of Physics.

Mechanical Engineering, Department of Physics.

Mining Engineering, Department of Geology.

Oil Engineering, Department of Geology.

Such students should have taken Chemistry, Physics, Solid Geometry and Trigonometry in high school. Their courses in College should from the first be planned in consultation with their major department, in which work should begin in the freshman year. A selected number of the following courses should be taken before graduation:

Freshman and Sophomore Years:

Chemistry 1-2, 3L-4L, 5L-6L, 7-8, 7L-8L.

Geology 11-12, 11L-12L, 14.

Mathematics, 3-4, 5-6, 7-8.

Physics 1-2, 1L-2L, 5-6, 5L-6L.

Technical Drawing 1-2, 3-4, 11-12, 15-16.

Junior and Senior Years:

Chemistry 101-102, 101L-102L, 103-104, 111L-112L.

Geology 112, 117-118, 119.

Mathematics 121-122.

Physics 121, 122, 121L-122L, 131-132.

5—*Law.*

Students preparing for subsequent professional work in Law should take the regular Liberal Arts course with particular attention in the lower division to History 1-2, 5-6, 7-8, Economics 1-2, Political Science 1-2 and 11, Speech Education 1-2 and Philosophy 3; and in the upper division to such courses in Political Science, Economics, and History as may be advised by the student's special adviser. The major subject may be selected in one of the last mentioned departments.

6—*Library Science.*

The Pre-Library curriculum is intended to lead to the nine-month course of instruction in library science which the Los Angeles Public Library offers in its Library School, conducted since 1891 and accredited by the American Library Association. The object of this school is thorough preparation for any aspect of library work. Since it is connected with the City Library, with its large collections and numerous branches, the student has exceptional opportunities for supervised practical work.

Broad preparation for this course in such departments as English, History, the Social Sciences, and Modern Languages is especially recommended. The student should complete the regular lower division requirements for the junior certificate.

A thesis, acceptable both the Library School and to the major department in the College, is required for the completion of this course.

In California a special credential, with qualifications similar to those of a regular high school teacher's credential, is required of high school librarians. Candidates for this credential must complete the full four-year course at the College, including the work in Education required for the high school teacher's credential, before entering the Library School.

Complete information regarding the work of the Library School may be obtained by addressing the Principal of the Library School, Los Angeles Public Library, Los Angeles.

Major department: English, History, or Political Science.

7—*Ministry.*

Consult special adviser.

8—*Medicine.*

Students planning to complete their professional instruction in Medicine in Class A Medical Schools are advised to arrange their courses of study very carefully with their major adviser. Attention is called particularly to the following courses in addition to those required for the B. A. degree:

Prerequisite: High school Chemistry.

Freshman Year: Chemistry 1-2 and 3L-4L; Zoology 1-2 and 1L-2L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together. Spanish will not be accepted in place of the last named requirement.

Sophomore Year: Zoology 101L and 107; Zoology 102, 102L; Chemistry 5L-6L, or 7-8 and 7L-8L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together.

Junior Year: Zoology 104 and 104L; Chemistry 5L-6L or 7-8 and 7L-8L; Physics 1-2 and 1L-2L.

Students in this course are advised to take Botany 3 and 3L (Bacteriology), Hygiene 3, Psychology 2, and Zoology 106, 108, and 108L, at some time during the course, as arrangements can be made.

Major department: Zoology.

In certain very exceptional cases the first year of Class A Schools of Medicine may, with the permission of the Head of the Department of Zoology, be permitted to count in lieu of the fourth year of the regular courses for the B. A. degree.

9—*College-Hospital Course.*

An arrangement has been made between Occidental College and certain hospitals whereby at the end of five years, three in the College and two devoted to practical nursing in the hospital (either the Pasadena Hospital or the Good Samaritan Hospital of Los Angeles), a student may obtain the degree of Bachelor of Arts and also meet in full the requirements of the Nurses' Registration Act as demanded of an accredited training school.

Attention is called particularly to the following courses in addition to those required for the B. A. degree:

Freshman Year: Zoology 1-2, 1L-2L; Hygiene 5.

Sophomore Year: Zoology 101L, 107; Chemistry 1-2, and either 1L-2L or 3L-4L; Botany 3 and 3L (Bacteriology).

Junior Year: Zoology 108, 108L.

In addition, the following courses are required before the end of

the first three years: Economics 1-2; Hygiene 1-2 and 3; Psychology 2; Mathematics 1 and 2, unless trigonometry and solid geometry have been offered for entrance; French or German sufficient to make the credit earned in these two languages in high school and college equal 15 units. Spanish will not be accepted in place of the last named requirement.

Major department: Zoology.

10—*Physical Education, Coaching.*

See School of Education, Part VII.

PRE-PROFESSIONAL COURSES

Although in certain cases a student may enter a professional school on the basis of the first three years of the regular four-year undergraduate course, it should be observed that many of the leading professional schools strongly encourage, and, in not a few cases require, the four-year liberal arts course in preparation for professional study.

Part VI

EXTENSION AND SUMMER STUDY

EXTENSION STUDY

Under the supervision of the Extension Committee of the Faculty, certain of the regular courses of the various departments are offered primarily to teachers and other advanced students of Los Angeles and vicinity. These courses are mainly upper division and graduate work credited toward the credentials and the degree of Bachelor of Arts. Under favorable circumstances, where demand and facilities warrant, they may be held at such times and places as are most convenient for those enrolled. All graduate credit in such courses, applicable toward the Teacher's Credential, must be applied for in advance of taking any course. Blanks for making such application are provided. No extension work may be credited toward the Master of Arts degree. A maximum of five units per semester will be accepted in fulfillment of requirements for a teacher's credential from those candidates who present a record of collegiate work completed while employed as a full time teacher. *Every student who intends to become a candidate for a degree must file an official transcript of record of preparatory work and of such advanced credit as he may be entitled, and must be officially accepted by the College. A fee of \$5.00 is charged for an evaluation of credentials and matriculation of extension students.*

In the case of such students as are enrolled in extension courses the minimum residence requirement for graduation

(see requirements for the degree, Section 3) may be satisfied by the completion of not less than twenty-four units of work at Occidental and by registration as a regular student for twelve or more hours and payment of full tuition fees for one semester. Eighteen of the minimum twenty-four units required to fulfill the residence requirement must be in the upper division, and six of the units taken in residence must be in the major subject. Attention is also called to the other requirements for the degree of Bachelor of Arts.

To further the work of part-time students, the College offers a number of its regular courses at the campus on Saturday mornings. Certain of these courses are credited toward the Master of Arts degree.

For students not otherwise enrolled in the College the fees for extension and Saturday courses are \$6.00 per unit. No registration fees other than those indicated above are required.

SUMMER STUDY

During the summer of 1925 the College conducted a six weeks' Summer Session and six weeks' Intersession at the Pasadena High School Building. The work offered was a part of the regular upper division work of the College, carrying full residence credit. Announcement of the Summer Session of 1926 may be obtained by addressing the Chairman of the Summer Session.

Part VII

THE SCHOOL OF EDUCATION

ORGANIZATION

The School of Education was established for the purpose of providing professional courses for students preparing to teach in the public schools of California and neighboring states. It has been empowered by the State Board of Education to recommend properly qualified candidates for the following credentials: (1) the Elementary School Credentials, (2) the Junior High School Credential, and (3) the General Secondary Credential, in addition to (4) the Special High School Credential in Physical Education.

Arrangements have been made with neighboring public schools whereby excellent opportunities for practice teaching are provided.

ADMISSION AND REGISTRATION

Students with junior standing may be admitted to the School of Education as candidates for one or more of the credentials mentioned above, providing their records in lower division work indicate the probability of fitness of the candidates for the teaching profession. This includes, in addition to a satisfactory standard of scholarship, seriousness of purpose, and natural interest in the work.

Each candidate, before registering at the beginning of his junior year, must report to the office of the Professor of Education for consultation and advice as to majors, minors, and professional courses; after which he must pre-

pare, under the supervision of the head of the department in which he is taking the major work, a tentative program of studies for final approval.

Graduates from institutions of recognized standing may be admitted as candidates for the General Secondary Credential providing they meet the requirements of the School of Education.

Graduates of normal schools and teachers of at least seventeen months' experience who become candidates for the General Secondary Credential are allowed certain exemptions by the State Board.

REQUIREMENTS FOR CREDENTIALS

Recommendations for the various credentials will be made in behalf of candidates as follows:

1. *For the Elementary Credential:*

Graduates of Occidental College who have completed a professional major in the Department of Education, in addition to a major or two minors in subjects which offer suitable preparation for public school teaching. The professional major must include Education 101 (two units), 111 (three units), 112 (two units), 114 (two units), 127 (two units), 130 (two units), 136 (four units), 138 (one unit).

A course in American Institutions (see Political Science 101) is also required.

2. *For the Junior High School Credential:*

Graduates of Occidental College who have completed twenty units in the Department of Education, including Education 101 (two units) 111 (three units), 112 (two units) 114 (two units), 127 (two units), 130 (two units), 133 (two units), 136 (four units); and a teacher's course in one of the subjects in which recommendation is sought.

A course in American Institutions (see Political Science 101) is also required.

3. *For the General Secondary Credential:*

Graduates of Occidental College, or of other institutions of recognized standing, whose undergraduate work has included properly selected majors and minors and who have completed one year of graduate work (twenty-four units) and twenty-one units in Education, including the following courses or their equivalents: Education 101 (two units), 114 (two units), 119 (two units), 127 (two units), 130 (two units), 178 (three units), 206 (four units), and a teacher's course in one of the subjects in which recommendation is sought; and also three units of electives.

A course in American Institutions (see Political Science 101) is also required.

4. *For Special Credentials in Physical Education:*

(See course of study outlined below.)

For information in connection with exemptions for normal school graduates and teachers who have had at least seventeen months' experience, see State Board Bulletins No. 10 G. S. (revised April, 1925) and No. 10 J. H. (revised January, 1925).

All candidates for the General Secondary Credential must have completed at least one major (minimum of thirty units) and at least one minor (minimum of twelve units) in subjects taught in high schools.

All candidates for Elementary and Junior High School credentials are required to complete 128 units of undergraduate work, which should include certain courses in Speech Education, in addition to recommended courses in Psychology.

Professional work should be distributed in the following manner:

I. Candidates for the Elementary Credential:

(1) JUNIOR YEAR:

First Semester—

Education 101.	Principles of Education	T Th 5th
(This course may be taken in second semester of sophomore year by special permission.)		
Education 111.	Educational Psychology	M W F 2nd
Education 114.	Public Education in California	T Th 5th
(For students who have completed Education 101.)		

Second Semester—

Education 114.	Public Education in California	T Th 4th
Education 127.	Technique of Teaching	T Th 1st
Education 130.	Education for Citizenship	T Th 3rd
Education 112.	Elementary Education	M W 4th
(For students who have completed Education 114.)		
Education 138.	Technique of Fundamental Subjects	F 4th
(For students who have completed Education 114.)		

(2) SENIOR YEAR:

First Semester—

Education 112.	Elementary Education, and	M W 4th
Education 138.	Technique of Fundamental Subjects	F 4th
or		
Education 136.	Practice Teaching	(Arrange)

Second Semester—

(Same as First Semester)

II. Candidates for the Junior High School Credential:

(1) JUNIOR YEAR:

First Semester—

Education 101.	Principles of Education	T Th 5th
(This course may be taken in second semester of sophomore year by special permission.)		
Education 111.	Educational Psychology	M W F 2nd
Education 114.	Public Education in California	T Th 5th
(For students who have completed Education 101.)		

Second Semester—

Education 114.	Public Education in California	T Th 4th
Education 127.	Technique of Teaching	T Th 1st
Education 130.	Education for Citizenship	T Th 3rd
Education 112.	Elementary Education	M W 4th
(For students who have completed Education 114.)		

(2) SENIOR YEAR:

First Semester—

Education 112.	Elementary Education, and	M W 4th
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Education 133. Junior High School T Th 4th
or

Education 136. Practice Teaching (Arrange)

Second Semester—

Education 112. Elementary Education M W 4th
or

Education 136. Practice Teaching (Arrange)

III. Candidates for the General Secondary Credential:

Order of courses to be arranged by department according to preparation and needs of individual candidates.

IV. Candidates for the Special Physical Education Credential:

FIRST YEAR:

<i>First Semester—</i>	<i>Credit Hours</i>
Foreign Languages - - - - -	3 or 5
Zoology 1, Principles of Zoology - - - - -	5
Religion - - - - -	2
English 1, English Composition - - - - -	3
Physical Education 1, General Gymnastics or Sports - - - - -	$\frac{1}{2}$
Electives - - - - -	3 or 0
Total - - - - -	16 $\frac{1}{2}$

<i>Second Semester—</i>	<i>Credit Hours</i>
Foreign Languages - - - - -	3 or 5
Zoology 2, Principles of Zoology - - - - -	5
Hygiene 2, Personal Hygiene, etc. - - - - -	2
English 2, English Composition - - - - -	3
Physical Education 2, General Gymnastics, intra-mural or varsity sports - - - - -	$\frac{1}{2}$
Electives - - - - -	3 or 0
Total - - - - -	16 $\frac{1}{2}$

SECOND YEAR:

<i>First Semester—</i>	<i>Credit Hours</i>
Speech Education 1, Fundamentals of Speech - - - - -	3
History, Economics or Political Science - - - - -	3
Psychology 1, Introduction to Psychology - - - - -	3
Physical Education 3, Gymnastics or Sports - - - - -	$\frac{1}{2}$
Religious Education - - - - -	2
English 61, Journalism - - - - -	2

FOURTH YEAR:

<i>First Semester—</i>	<i>Credit Hours</i>
Education 119, Principles of Secondary Education - - -	2
Physical Education 115, Methods in Play Activity - - -	3
Physical Education 127, Practice Teaching - - -	4 or 0
Electives - - - - -	7 or 11
Total - - - - -	16

<i>Second Semester—</i>	<i>Credit Hours</i>
Methods of Health Activity - - - - -	1
Physical Ed. 105, Applied Methods in Formal Activities	3
Physical Education 127, Practice Teaching - - -	4 or 0
Physical Education 116, Methods in Play Activities - - -	2
Electives - - - - -	6 or 10
Total - - - - -	16

Methods in Physical Examination and Health Supervision, 4 units,
must be taken as an elective either in junior or senior year.

Part VIII

THE GRADUATE SCHOOL



ORGANIZATION

The Graduate School of Occidental College was organized for the purpose of offering advanced courses of study in various branches of liberal arts and sciences, primarily in connection with the preparation for the High School Teacher's Credential. The work of the School is under the general direction of the Graduate Committee, which determines and administers the requirements and regulations of the School, including the graduate courses of instruction in the several departments, regulations for admission, and requirements for the graduate degree. It passes upon credentials of applicants for admission, receives and passes upon department recommendations regarding candidates, and nominates the same for the degree.

ADMISSION AND REGISTRATION

Graduates of colleges and universities of good standing are eligible for admission to the Graduate School in candidacy for the advanced degree in departments of study for which they are qualified by their previous work, or as special students, not candidates for a degree or honors. In exceptional cases, other persons of maturity and sufficient attainments may be admitted to graduate courses. An undergraduate of Occidental College, who lacks but twenty-four units or less of graduation, may be admitted to the Graduate School on recommendation of the head of his

major department, subject to the approval of the Graduate Committee; provided that the schedule of the student does not exceed fifteen units, not more than twelve of which are undergraduate. Graduate courses so carried may subsequently be credited as graduate work.

Every student, upon entrance to the Graduate School, is required to register at the office of the Registrar of the College, and must present, if a candidate for a degree, an official transcript of his college record. The student shall then consult the head of the department in which he proposes to do his major work. His schedule must have this department's approval before he can complete his registration.

Every graduate student is admitted subject to such general regulations of the College as are not altered by those of the Graduate School.

FEES AND EXPENSES

A matriculation fee of five dollars is charged at the time of first registration. The tuition fee is one hundred dollars each semester for regular work. A pro rata tuition of eight dollars per unit is charged for partial work of less than twelve units. The tuition of a student not in residence, who is completing his thesis, is twenty-five dollars for the semester in which the thesis is presented. A graduation fee of ten dollars is payable thirty days before graduation. Statements of laboratory fees may be found in Part XI of this catalogue.

MASTER OF ARTS DEGREE

The Degree of Master of Arts is conferred upon students who have received a Bachelor's degree for a four-year undergraduate course from an institution of recognized standing, who satisfactorily meet the following conditions:

1. Approval by the major department of an under-

graduate course in studies preliminary to those which the student intends to pursue in the Graduate School. Additional undergraduate courses may be required by the department concerned in case the student's undergraduate work does not form sufficient unified basis for graduate work.

2. The completion of one year of graduate study in residence at Occidental College. Resident graduate work at an approved institution may be accepted as part of this requirement in so far as units are concerned, provided the character and quality of the work are satisfactory. In such case, the minimum requirement for a year of resident study shall consist of not less than twelve graduate units during one semester and four such units during another semester.

3. The completion of a program of courses of instruction of advanced grade approved by the head of the department in which the major work is chosen. This program must include at a minimum twenty-four, and at a maximum twenty-eight units, inclusive of the thesis, which shall not be credited for more than four units. In case the student must complete additional undergraduate work, the Graduate Committee may permit a program of not to exceed fifteen units per semester. A minimum of one-half of a student's graduate work must be completed in a single department. The remainder may be chosen, with the approval of the major department, in one or more minor departments so as to form a consistent plan of study. A minimum of eight of the required number of units in the major subject must be taken in courses numbered 200 or above. The work in any department may be partly or wholly made up of research or special study carried on in residence under the direction or with the criticism and approval of the department.

4. A reading knowledge of at least one foreign language is required before a student will be accepted as candidate for the degree. Any department may require a specific language or languages. A reading knowledge of Greek, Latin, French, German, or in some cases Spanish will ordinarily meet this requirement. Evidence of sufficient attainment in languages must be attested by the major department and filed with the Chairman of the Graduate Committee before the opening of the second semester.

5. A thesis is required of each candidate for the degree on some subject approved by the major department, under whose direction the work is done. The subject of the thesis must be announced to the Graduate Committee by the opening of the second semester of the year in which the candidate expects to take the degree. The department concerned must approve the subject matter and extent of the thesis, and must recommend it in its final form to the Graduate Committee at least four weeks before commencement. If accepted by the Committee, two typewritten copies in a standard prescribed form must be deposited with the College Librarian two weeks before commencement together with a small fee to cover cost of binding.

6. Under each department of study will be found a statement of any specific requirements for the degree in that department. No student may continue to major in a subject who does not meet with the approval of the department.

7. Candidates for the degree of Master of Arts must have met the requirements of the Act of the Legislature regarding a course in American Institutions. (See Political Science 101.)

HIGH SCHOOL TEACHER'S CREDENTIAL

Graduate students who are candidates for the recommendation of the College for the California High School Teacher's Credential are registered in both the Graduate School and the School of Education. Certain work of the two schools will coincide. The specific requirements for the credential are found under the statement of the School of Education.

GRADUATE SCHOLARSHIPS

A limited number of scholarships yielding from one hundred to two hundred dollars per year are open to regular graduate students of high merit in various departments of study. These scholarships are intended primarily for those who expect to teach. A student receiving a scholarship may have its equivalent remitted from his tuition fee for service rendered in the department in which he is doing his major work. Application for appointment to graduate scholarships should be made to heads of departments or to the Dean of the College.

DEPARTMENTS OF STUDY

At the present time the College offers graduate instruction for a minor in the following departments: Botany, Chemistry, Economics, Education, English, French, Greek, History, Mathematics, Political Science, Philosophy, Physical Education, Physics, Spanish, and Zoology.

Major work for the degree of Master of Arts may be pursued in Economics, English, History, French, and Political Science.

Part IX

ACADEMIC REGULATIONS AND HONORS



REGISTRATION

REGISTRATION PROCEDURE

On one of the regularly appointed registration days at the beginning of each semester each student shall obtain in person at the office of the Registrar the prescribed registration booklet, which must be completed on or before the last day appointed for that purpose. This booklet, showing the study list of courses for which the student proposes to enroll and other essential information, must be approved by the student's proper adviser and countersigned by the office of the Registrar. The booklet must also be signed by the office of the Comptroller showing that all College bills for the semester have been paid or arranged for at the time of registration. *Students previously matriculated who delay registration beyond the last day appointed for this purpose will be charged a special fee of \$3.00. Any student who fails to complete his registration booklet is not properly enrolled and may be denied all credit for the semester's work.*

STUDY-LISTS

Each student at the time of registration must select with the signed approval of his official adviser the course of study which he intends to pursue. All work for which college credit is desired must appear on the study-list. No student will be admitted to any classes or exercises of the College except as authorized by the certificate of registra-

tion and the study-lists of the student. It is expected that a student's study-list shall include all required work appropriate to the year of his course.

Lower division and special students may be advised by any member of the Committee on Registration. Upper division students must consult their major departments. Any special student or student in the lower division may, however, select the department in which he is chiefly interested or intends to do major work, and seek advice from this proposed major department. Students are advised to follow this plan, in order that they may have proper advice regarding the prerequisites and the nature and affiliations of their major interests.

Students contemplating work for a teacher's credential must consult the head of the School of Education on beginning the work of the upper division in order that requirements may be properly met.

AMOUNT OF WORK

The work of the College curriculum is measured in terms of "units." One unit is understood to represent one semester hour or one hour a week in the classroom throughout a semester, three hours ordinarily counting as one when devoted to laboratory or field work. Each unit of credit represents, for the average student, three hours of actual work each week throughout the semester; *e. g.*, one hour of recitation or lecture, and two of preparation or subsequent reading, or equivalent amount of work in the laboratory.

Twelve units of work per semester, exclusive of the required units in physical education, is the minimum and eighteen the maximum for which any student will be allowed to register for credit. During his first semester in the College, the maximum for any student, exclusive of required physical education, is seventeen units. Subsequently

a student whose average scholarship in any semester falls below 3, or whose record shows an "incomplete," "condition," or "failure," will be limited to fifteen units or less in the following semester. In general it is advised that in the lower division a student's program should average sixteen units per semester, exclusive of required work in physical education, and in the upper division, fifteen units.

Permission to register for less than twelve units or for more than eighteen must be sought of the proper faculty committee on formal petition through the office of the Registrar. These requests will be granted only on urgent reasons and sound bases. In general such petitions are discouraged by the Committee. (See Part XI for fees for part time study.)

CHANGES IN STUDY-LISTS

During the first week of a semester a student may change his study-list by addition, substitution, or discontinuance of courses with the consent of his adviser and the Registrar. Subsequent changes may be made only on petition to the proper committee through the office of the Registrar. Such petitions must have the approval of the major department or the faculty adviser and the instructors concerned. No course can be discontinued after the first six weeks of the semester. A course discontinued in other than the regular manner will be recorded as a failure.

A fee of two dollars is charged for each change in a study-list after the first Friday of the semester.

EXAMINATIONS

Examinations are held regularly at the close of each semester and the standing of students for the entire course is reported to the Registrar. Mid-semester examinations may also be required as a partial basis for mid-semester reports. Failure to take or to pass any regular, mid-semester,

or other course examinations will result in such deficiencies and disqualifications as instructors may impose. These can be removed by examination on a date set by the faculty in each semester, or by a special examination, for which a fee of two dollars is charged. A like fee is charged for any similar special examination which any deficiency of a student's course may necessitate.

SCHOLARSHIP GRADES AND REQUIREMENTS

Results of examinations, semester reports, and the general average of the scholastic standing of a student in his entire course are indicated by the following system of grades:

Passing: 1, excellent; 2, good; 3, fair; 4, barely passing.

Not Passing: Incomplete (Inc), indicating that while the work done is of passing grade, yet portions remain unfinished due to illness or similar unavoidable causes, not the fault of the student. This mark is not given when work has been neglected. Illness and unavoidable causes must be so interpreted by the office of the Dean and the teachers must be notified in writing. It may be removed in such manner as the instructor may determine.

Condition (Con), indicating that work is not of passing grade. It may be removed by an examination covering the work involved. If removed, no grade higher than a 4 may be given. No Condition may be removed within two weeks after the close of the semester.

Failure (F), to be removed by repetition of the course.

An "incomplete" or a "condition" becomes a "failure" if not removed within one year of the date on which it was incurred.

In the Graduate School one of two marks may be given: "P," indicating satisfactory graduate work, and "F," indicating failing or unsatisfactory graduate work.

DISTRIBUTION OF GRADES

In the general practice of the members of the faculty, the distribution of grades depends upon the size, quality, and advancement in the curriculum of the classes, and admits of flexibility. It is normally considered in lower division required courses that 1 is applicable to five to fifteen per cent, 2 and 3 to thirty-five to fifty per cent, and 4 to five to fifteen per cent of students of passing grade.

AVERAGE GRADE

The average grade maintained by each student in each semester, and for his entire course, becomes a part of his permanent record.

In determining the average grade of a student's work, the number of units of credit in each course on the student's study-list is multiplied by the grade for that course, and the sum of the products thus obtained is divided by the total number of units. In thus estimating, a "condition" or "failure" is counted as five.

SCHOLARSHIP REQUIREMENTS

Mid-semester reports on the work of students are required of all instructors, and students are notified of their standing. Final semester reports are sent to all students. Parents or guardians will be notified when the student's scholarship is seriously delinquent.

A minimum average grade of 3 is required in the work of the lower division before a student can be granted the junior certificate, and in the upper division, as well as in his entire course, before he can be graduated.

Any student whose average scholarship in any semester is below grade 3 is placed on probation and he must limit his program of studies to fifteen units or less in the following semester. If he then fails to attain an average grade of 3, he may be disqualified from further attendance

at the College. Any student who in any semester fails to pass in ten units of work, is similarly disqualified, the ten units of work to be determined as of the last day of the semester in which the work was taken. When extenuating circumstances, such as prolonged illness, account for a student's disqualification, he may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester, and longer if his average grade during such time is not below 3.

All first disqualifications are for one semester, during which time a student's record will not be transferred with honorable dismissal. A second disqualification is permanent. All disqualifications become a part of a student's permanent record.

The rules regarding scholastic standing in a major subject are stated under the rules governing majors and minors.

ATTENDANCE, LEAVE OF ABSENCE, HONORABLE DISMISSAL

ATTENDANCE

The College requires regular attendance of all students at the Chapel services and College Assemblies and at all classes for which they are registered. A copy of the rules governing attendance may be obtained from the Dean. These rules allow for a limited number of absences, but do not relieve the student from completing any of the work of the courses. In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing his work without such formal leave, may lose his privileges of registration and forfeit his right to a clear transcript of credits. A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

TRANSCRIPT OF RECORD AND HONORABLE DISMISSAL

On petition to the proper committee, honorable dismissal, with right of transcript of credit, will be granted a student in good standing who voluntarily is severing his connection with the College. For such withdrawal, a student under twenty-one years of age must present a letter of explanation from parent, guardian, or physician. A graduate of the College or a student in good standing, or one who was in good standing at the time of his withdrawal from the College, may receive an official transcript of credit and accompanying letter of honorable dismissal upon request and the payment of a fee of two dollars.

CLASSIFICATION OF STUDENTS

The class in which a student is to be ranked is determined at the beginning of the college year on the basis of the following scale of credits:

FRESHMAN: Fifteen entrance units, twelve of which are of recommended grade, which fully meet the entrance requirements.

SOPHOMORE: Thirty units of college credit; but sophomore standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to complete the lower division by the end of the year.

JUNIOR: Sixty-four units of college credit and the completion of all other requirements for the junior certificate.

SENIOR: Ninety-four units of college credit in lower and upper division courses; but senior standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to be graduated at the end of the year.

SCHOLASTIC HONORS

COURSE AND DEPARTMENT HONORS

On Commencement Day honors in scholarship are awarded to those students whose records qualify them for such distinction. FIRST HONORS are awarded on the basis of a minimum average grade of 1.3; SECOND HONORS, on a minimum average grade of 1.6. Both apply to the work of any year or to the entire course of any student.

CLASS HONORS are awarded to each member of any of the four classes, or to any graduate student, whose record for the year meets the requirements. For eligibility to Class Honors a student must maintain a record which shows at the end of the year: (1) no failures or unremoved incompletes or conditions; (2) at least twenty-four units of college credit earned during the year; (3) acquisition of rank in the next class.

FINAL HONORS are awarded to each member of the graduating class who has won Class Honors each of the four years of his course, or whose average for the four years equals the average required for Class Honors. A student from another institution, entering Occidental not later than the beginning of the junior year, will be eligible to Final Honors, provided in the judgment of the Committee on Classification his record for the preceding part of his course equals the qualifying standard. A graduate student who is a candidate for the degree of Master of Arts is eligible to Final Honors provided his undergraduate record is of qualifying standard.

DEPARTMENT HONORS may be awarded to any member of a graduating class who has maintained an average of 1.3 in twenty-four units of upper division work, either in the major department alone or in the major and minor departments combined. The heads of departments concerned

have the privilege of naming the courses to be pursued, and of requiring such additional work as desired. Eligibility for Department Honors is based on a general average not lower than 2.5 in the work of the candidate's entire college course. The head of a department in which honors are sought must be notified not later than the beginning of the second semester of the candidate's junior year.

VALEDICTORY AND SALUTATORY

The rank of Valedictorian is awarded to that member of each graduating class who stands highest in scholarship average for the entire course.

The rank of Salutatorian is awarded to that member of each graduating class who stands second in scholarship average for the entire course.

Students from other institutions entering Occidental later than the beginning of the junior year are not eligible to these honors.

In addition to the Valedictorian and Salutatorian, each graduating class elects two other commencement speakers, usually from those students who have attained or most nearly attained Final Honors.

PHI BETA KAPPA

Prior to the year 1925-1926 The Honor Society, founded by members of Phi Beta Kappa, each year elected to membership senior students of high standing. Graduate students were eligible to membership. In September, 1925, the Triennial Council of Phi Beta Kappa voted the establishment of a Chapter of the Society at Occidental, which Chapter will hereafter elect qualified students to membership.

For "Honors Course" see Part V, Plan of Undergraduate Study.

Part X

DEPARTMENTS OF INSTRUCTION

Lower division courses are numbered 1 to 99; upper division, 100 to 199; graduate courses, 200 and above. L added to a number denotes a laboratory or field course. Hyphenated numbers, as 1-2, indicate a year course. Though it is generally intended that such a course be pursued throughout the year, a student may receive credit for either semester without the other unless the course is designated "Throughout the year only." Consent of the instructor is prerequisite to entering any hyphenated course in the second semester.

Any undergraduate course for which fewer than five students are enrolled at the beginning of a semester may be withdrawn.

Upon completion of such additional requirements as may be set by the instructor, certain of the upper division courses may be credited as graduate work. Enrollment of upper division students in graduate courses is limited to seniors who have met, with high grade, such prerequisites as departments may set.

The work of the College is mainly carried on during five days of the week. Classes begin at 8:00 a. m. and in general have finished by 3:30 p. m. Certain courses, primarily for teachers, are offered on Saturdays from 8:00 a. m. to 12:00 m. The schedule of classes published currently for each semester may be obtained on application.

BOTANY AND GEOLOGY

PROFESSOR SMILEY

MR. WIGGINS, *Instructor in Botany*

MR. FRASER, *Instructor in Geology*

BOTANY

Major: Eighteen units in the upper division.

Minor: Nine units in the upper division.

Prerequisite to the major: Botany 1-2, 1L-2L, 4, Zoology 1-2, and high school Chemistry or its equivalent. A reading knowledge of French and German is recommended.

Prerequisite to the minor: Courses 1-2 and 1L-2L.

LOWER DIVISION COURSES

1-2. Fundamentals of Botany.

Lectures with assigned reading, on the life of plants, their structure and classification. The first half of the course is concerned with the seed-plants; the second half with the cryptogams.

3 hours, throughout the year only. (6 units)

1L-2L. Elementary Botany Laboratory.

To accompany Course 1-2.

2 laboratory periods, throughout the year only. (4 units)

3. Bacteriology.

Lectures on the bacteria and other microorganisms, with laboratory practice in microbiological methods. To alternate with course 5. Given in 1926-27.

Prerequisite: Chemistry 1-2 and either Botany 1-2 or Zoology 1-2, or equivalents.

2 lectures and 2 laboratory periods, first semester. (4 units)

4. Plants and Plant Communities of Southern California.

Laboratory and field study of the native ferns and seed-plants.

2 laboratory periods, second semester. (2 units)

5. Ornamental Plants.

Laboratory and field study of landscape gardening plant materials. To alternate with course 3; not given in 1926-27.

Prerequisite: Courses 1-2, 1L-2L, or Course 4.

2 or 3 laboratory periods, first semester. (2 or 3 units)

UPPER DIVISION COURSES**101. Algae and Cryptogamic Archegoniates.**

Lectures, field, and laboratory work. Given in alternate years; given in 1926-27.

Prerequisite: Courses 1-2, 1L-2L, or equivalents.

1 lecture and 2 laboratory periods, first semester. (3 units)

102. Fungi and Plant Pathology.

Study of morphology and classification of the fungi; lectures, laboratory and field work on the fungous and other plant diseases. Given in alternate years; not given in 1926-27.

Prerequisite: Courses 1-2 and 1L-2L, or equivalents.

2 lectures and 2 laboratory periods, second semester. (4 units)

103. Morphology, Taxonomy and Geographic Distribution of Spermatophytes.

Some field work required; given in 1926-27.

Prerequisite: Courses 1-2 and 1L-2L, or equivalents.

2 or 3 laboratory periods, first semester. (2 or 3 units)

104. Plant Cytology.

Study of plant cells with practice in the methods of botanical micro-technique. Given in 1926-27.

Prerequisite: Courses 1-2 and 1L-2L or Zoology 1-2 and 112L, or equivalents.

1 lecture and 2 laboratory periods, first semester. (3 units)

106. Economic Botany.

A course concerned with the more important economic plants, especially those of California. Not given in 1926-27.

Prerequisite: Courses 1-2 and 1L-2L, or equivalents.
2 lectures and 2 laboratory periods, second semester. (4 units)

107-108. Plant Physiology.

Lectures, laboratory work and assigned reading on the production and use of food and the reaction of plants to environment.

Prerequisite: Courses 1-2 and 1L-2L, or equivalent; some knowledge of Physics and Chemistry is essential.
1 lecture and 2 laboratory periods throughout the year. (6 units)

110. Forest Botany of the Pacific Slope.

Lectures, laboratory and field work on the principal forest trees and shrubs, special attention being given to their geographic distribution and economic value. To alternate with course 106; given in 1926-27.

Prerequisite: Courses 1-2, 1L-2L, and 4, or equivalents.
1 lecture and 2 laboratory periods, second semester. (3 units)

GRADUATE COURSES**201. Teachers' Course.**

See Education 201.

2 hours, one semester.

203-204. Research in Systematic and Geographic Botany.

Southern California with its diversified topography and climatic contrasts, offers special opportunities for taxonomic and phytogeographic investigations.

Hours and credit to be arranged.

220. Thesis for Master of Arts Degree.

Not to exceed four units.

GEOLOGY

Major: Eighteen units in the upper division.

Minor: Nine units in the upper division.

Prerequisite to the major: Geology 11-12, 11L-12L, 14, Chemistry 1-2, Physics 1-2, Mathematics 5, and Freehand and Geometrical Drawing. A reading knowledge of French and German is recommended.
Prerequisite to the minor: Geology 11-12, 11L-12L.

LOWER DIVISION COURSES**11-12. General Geology.**

Lectures, with assigned reading, on physical and historical geology.

3 hours, throughout the year only. (6 units)

Students may also enroll for an additional unit per year by permission of the instructor.

11L-12L. General Geology Laboratory.

To accompany course 11-12.

1 laboratory period or field trip, throughout the year only. (2 units)

14. Mineralogy.

Lectures, with assigned reading, on the minerals of common occurrence or economic importance, including the elements of crystallography and practice in mineral identification. Given in 1926-27.

Prerequisite: Matriculation Chemistry or Chemistry 1-2.

2 lectures and 2 laboratory periods, first semester. (4 units)

UPPER DIVISION COURSES**111. Physiography and Topographic Map Work.**

A study of the modification of land surfaces and development of topographic form by geological agencies. A course designed for students preparing to teach science in secondary schools. Given in alternate years; not given in 1926-27.

Prerequisites: Geology 11-12, 11L-12L.

2 lectures and 1 laboratory period, first semester. (3 units)

112. Lithology.

Lectures and laboratory work with assigned reading. Given in alternate years; given in 1926-27.

Prerequisites: Geology 11-12, 11L-12L, and 14.

2 lectures and 2 laboratory periods, second semester. (4 units)

113-114. Regional Geology.

During the year 1926-27 the geography and geology of Eurasia will be studied.

Prerequisites: Geology 11-12.

2 lectures, throughout the year. (4 units)

115-116. Historical Geology.

Prerequisites: Geology 11-12, 11L-12L, only upper division students admitted. Given in alternate years, not given in 1926-27.

3 lectures, throughout the year only. (6 units)

117-118. Economic Geology.

Given in alternate years; not given in 1926-27.

Prerequisites: Geology 11-12, 11L-12L, and 14.

2 lectures throughout the year only. (4 units)

119. Field Geology.

Instruction in the methods of field work, including the manipulation of the more important instruments used by the field geologist in the preparation of maps and sections.

Prerequisites: Geology 11-12, 11L-12L, 112, and Mathematics 5.

2 laboratory periods, second semester. (2 units)

120. Geology and Mineral Resources of California.

Prerequisites: Geology 11-12, 11L-12L, 14.
2 lectures, second semester. (2 units)

SUMMER FIELD COURSES IN BOTANY AND GEOLOGY

Subject to certain limitations on enrollment, the Department is prepared to offer the courses indicated below. The area provisionally chosen for study in the season of 1926 (approximately June 21 to July 18) is in the Inyo National Forest near Mammoth Lakes. The work will be in charge of Professor Smiley and registration in 1926 is limited to men. It is intended that the expense shall be kept as low as possible, probably not exceeding \$125, including transportation to and from camp. Further information may be obtained from the Registrar or from Dr. Smiley.

1. Summer Field Course in Botany.

The work will involve a study of the vegetation of the higher Sierra Nevada, special emphasis being placed upon the forest flora, with practice in plant determination by means of common manuals and "keys".

(4 units)

2. Summer Field Course in Geology.

Study of the Mammoth Lakes area (Mt. Lyell Quadrangle, U. S. G. S.) and adjacent districts with regard to rock types, structure of the Sierra, and physiographic forms.

Prerequisite: Geology 11-12, or equivalent.
(4 units)

CHEMISTRY

PROFESSOR CHANDLER

PROFESSOR COOK

Major: Eighteen units in the upper division.

Minor: Nine or more units in the upper division.

Prerequisite to the major or minor: Courses 1-2, or 3-4, and 3L-4L; other courses in the lower division sufficient to make 14 units altogether.

LOWER DIVISION COURSES**1-2. General Chemistry.**

CHANDLER

For those without entrance chemistry. The class meets twice a week

for lectures and demonstrations and once for quiz. Must be accompanied by course 1L-2L to satisfy the lower division requirements in science.

3 hours, throughout the year. (6 units)

1L-2L. General Chemistry Laboratory.

CHANDLER

Laboratory course to accompany 1-2 for those without entrance chemistry.

2 laboratory periods, throughout the year. (4 units)

3-4. General Chemistry.

CHANDLER

For those with entrance chemistry. The class meets twice a week for lectures and demonstrations in General Chemistry and once a week in Qualitative Analysis.

3 hours, throughout the year. (6 units)

3L-4L. Qualitative Analysis.

CHANDLER

Laboratory course to accompany 3-4 for those with entrance chemistry.

2 laboratory periods, throughout the year. (4 units)

5L-6L. Quantitative Analysis.

COOK

Practice in the general methods of gravametric, volumetric, and electrolytic determinations. This outline will be modified for those desiring to use each method during half the allotted time. At suitable times during laboratory periods there will be class discussions of principles and methods, and individual solution of typical examples.

Prerequisite: Course 3L-4L.

3 laboratory periods, including 1 hour drill, throughout the year. (6 units)

7-8. Organic Chemistry.

COOK

Lectures and recitations on the aliphatic and aromatic compounds.

Prerequisite: Course 1-2.

2 hours, throughout the year. (4 units)

7L-8L. Organic Chemistry Laboratory.

COOK

Preparations and reactions of organic compounds.

Prerequisite: Course 7-8 completed or in progress.

2 laboratory periods, throughout the year for those majoring or minoring in Chemistry. (4 units)

1 laboratory period, throughout the year, if preferred. (2 units)

UPPER DIVISION COURSES

Any of the year courses numbered 5L-6L, 7-8, and 7L-8L, may count as upper division courses and be included in the major or minor if taken in the upper division after the completion of 14 units in lower division courses.

101-102. Physical Chemistry.

CHANDLER

Lectures in the field of advanced chemistry, recitations, and readings. Given in alternate years with course 103-104. Not given in 1926-27.

Prerequisite: Course 7-8.

2 hours, throughout the year. (4 units)

101L-102L. Physical Chemistry Laboratory.

CHANDLER

To accompany 101-102.

1 hour, throughout the year. (2 units)

103-104. Technical Chemistry.

CHANDLER

Consideration in detail of the processes employed in the chemical industries, and visits to neighboring plants. Given in alternate years with course 101-102.

Prerequisite: Course 5L-6L.

2 hours throughout the year. (4 units)

105-106. Physiological Chemistry.

COOK

A study of fats, carbohydrates, proteins, milk and urine.

1 hour, throughout the year. (2 units)

105L-106L. Physiological Chemistry Laboratory.

COOK

To accompany 105-106.

1 or 2 laboratory periods, throughout the year. (2 or 4 units)

111L. Advanced Chemistry Laboratory.

CHANDLER, COOK

Special methods of Quantitative Analysis, including water, gas, oil, feed, food and electrolytic analysis; assaying, inorganic preparations; supplemental organic preparations and physical chemistry measurements. The student may choose from these subjects sufficient to complete his major, minor, or his graduate work.

Prerequisite: Consult department.

1 to 3 laboratory periods, either or both semesters. (1 to 6 units)

201-202. Teachers' Course.

CHANDLER

See Education 201.

1 hour, throughout the year. (2 units)

203-204. Seminar.

CHANDLER, COOK

Current chemical literature.

1 hour, throughout the year. (2 units)

DRAWING AND ART

TECHNICAL DRAWING

ASSISTANT PROFESSOR MORSE

LOWER DIVISION COURSES

1-2. Technical Drawing.

Involves the use of instruments, geometric construction, orthographic projection, principles of dimensioning and blue print reading. Practice in lettering and layout of titles. This course must precede all advanced work.

3 hours, throughout the year. (2 units)

3-4. Orthographic Projection.

Problems in projection, intersections of solids, development of surfaces and application to working drawings.

Prerequisite: Course 1-2.

6 hours, throughout the year. (4 units)

7-8. Machine Drawing.

Sketching of machine details, tracing and assembled views.

Prerequisite: Course 1-2 or 3-4.

6 hours, throughout the year. (4 units)

11-12. Topography and Map Making.

Ink rendering for map making, lettering, tracing and blue printing.

Prerequisite: Course 1-2.

3 hours, throughout the year. (2 units)

15-16. Descriptive Geometry.

Problems in lines, planes and solids; intersections and developments; isometric and perspective drawings.

Prerequisite: Courses 1-2 and 3-4. Mathematics 2.

6 hours, throughout the year. (4 units)

UPPER DIVISION COURSES

117-118. Graphic Statics.

Graphical solution of problems in mechanics and strength of materials; vectors and vector quantities; force and space diagrams; funicular polygons; beams; trusses; problems in simple machines.

Prerequisite: Courses 1-2 and Mathematics 1.

3 hours, throughout the year. (2 units)

121-122. Architectural Rendering of Shades and Shadows.

Accurate methods for determining the shadows of geometrical lines, plane figures and solids, and their application to the casting of con-

ventional shades and shadows on the principal architectural members.

Prerequisite: Courses 1-2 and 15-16.

3 hours, throughout the year. (2 units)

123-124. Architectural Perspective.

Theory and application of methods of drawing architectural perspectives.

Prerequisite: Courses 1-2 and 3-4, Course 121-122 completed or in progress.

3 hours, throughout the year. (2 units)

129-130. Architectural Drawing.

Architectural lettering, detailing and preparation of working drawings.

Prerequisite: Courses 1-2, 15-16, 121-122, 123-124.

6 hours, throughout the year. (4 units)

FREEHAND DRAWING

MR. KEM WEBER

LOWER DIVISION COURSES

1-2. Elementary Freehand Drawing.

Drawing in pencil and charcoal, from models and still life, outdoor sketching, the principles of light and shade, and perspective.

Open to all.

2½ hours, throughout the year. (2 units)

3-4. Landscape and Architectural Sketching.

Sketching from nature, architectural subjects, drawing from memory, composition. This course is recommended as a preparation for Course 7-8.

Prerequisite: Course 1-2.

2½ hours, throughout the year. (2 units)

5-6. General Drawing and Design.

Some suggested topics are: Figure and landscape sketching, advanced work in black and white and colored media, study of natural forms with application of same to design, conventional ornament, decorative and industrial design (stencil, fabrics, art, craft, illumination, etc.)

Prerequisite: Course 1-2.

2½ hours, throughout the year. (2 units)

7-8. Architectural Rendering.

Pen, pencil, water color, and crayon as media. Perspective (linear and aerial). Landscape and foreground composition.

HISTORY OF ART

ASSOCIATE PROFESSOR CUNNINGHAM

Prerequisite: Recommended, History 1-2.

1-2. Survey Course.

First semester: Outline history of architecture and sculpture. Second semester: Outline history of painting.

3 hours, throughout the year. (6 units)

3. History of Ancient Art.

A study of pre-Grecian art.

3 hours, first semester.

5. History of Medieval Art.

Study of architecture, sculpture and painting, in the Romanesque and Gothic periods.

3 hours, first semester.

6. History of Renaissance Art.

(a) Study of Italian art in the fifteenth and sixteenth centuries.

(b) Study of the art of Northern Europe in the sixteenth, seventeenth, and eighteenth centuries.

3 hours, second semester.

UPPER DIVISION COURSES

Prerequisite: Six units in the lower division.

108. Outline History of Art in the Nineteenth Century.

3 hours, first semester.

110. Outline of Aesthetic Theory.

A study of the fundamental principles of aesthetics and their application to the Fine Arts.

3 hours, second semester.

112. Comparative Art.

CUNNINGHAM

A study of the masterpieces of European Art and their influence on the art of America.

3 hours, second semester.

114. Modern Art.

CUNNINGHAM

Work of the twentieth century. A study of museums, art galleries and art literature.

3 hours, second semester.

ECONOMICS AND SOCIOLOGY

PROFESSOR YOUNG

PROFESSOR DAY

MR. TEVIOTDALE

MR. ELLSWORTH

MR. CHAWNER

MR. CLIFFORD

ECONOMICS

Major: Twenty-four units in the upper division, eighteen of which must be within the department; six may be in closely related departments, subject to the approval of the department.

Minor: A minimum of nine units required in the upper division.

Prerequisite to the major and minor: Course 1-2 and either Political Science 1-2 or a year course in History, European or English advised.

Prerequisite to the upper division: Course 1-2 and Junior standing.

Courses offered in the related departments of Political Science, History and Sociology are recommended.

LOWER DIVISION COURSES

1. Principles of Economics.

YOUNG

An introductory course dealing with fundamental principles of economics, value, price, wealth, wages, population and social welfare. This course is intended to develop clear reasoning on economic questions.

Prerequisite: Sophomore standing.

3 hours, first semester. (3 units)

2. Economic Problems.

YOUNG

A continuation of course 1, dealing especially with money, prices, banking, insurance, tariffs, labor, immigration and international trade.

Prerequisite: Course 1.

3 hours, second semester. (3 units)

3-4. Economic Geography.

A study of the influence of geography on industry and on the world's markets. A geographic location of raw materials and a brief description of manufacturing processes. An historical sketch of commerce and a study of commercial routes and modern methods of trade. This course is intended as an introduction to the courses in Foreign Trade. Open to freshmen.

2 hours, throughout the year. (4 units)

15-16. Elements of Accounting.

ELLSWORTH

An introductory course. First semester devoted to theory, second semester to practice.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101. Money and Banking.

YOUNG

A study of the principles of money, credit, banking, price movements, foreign trade and exchange. Particular attention is given to banking and currency conditions in the United States.

Prerequisite: Course 1-2.

3 hours, first semester. (3 units)

102. International Trade and Finance.

YOUNG

A course dealing with foreign exchange, international payments, reparation and other financial problems growing out of the war; attention is given to the economic relations of the United States with foreign countries, especially Latin America.

Prerequisite: Course 101.

3 hours, second semester. (3 units)

103. Corporation Finance.

CLIFFORD

A study of the organization and financial policy of business enterprises. Advantages and disadvantages of the corporate form; promotion, sources of capital. Case studies in the promotion, expansion, failure, and reorganization of corporations are required of the members of the class.

3 hours, first semester.

104. Business Organization.

A survey of the different forms of business organization and management. Labor control, purchasing, selling, credit, cost accounting, and office management are among the topics considered. Not given 1926-27.

Prerequisite: Course 101.

3 hours, second semester. (3 units)

105. Public Finance.

BONELLI

A study of budgetary science, principles of taxation, public credit, public expenditures, and financial administration. Attention is given to financial problems of the World War.

(Identical: Political Science 129)

3 hours, first semester. (3 units)

106. Transportation.

TEVIOTDALE

A course in the development of transportation facilities, railroad and steamship companies. Rate making in theory and practice, the work of the Interstate Commerce Commission, problems of government control and private ownership and merger proposals will be considered. A survey of ocean transportation and of European and Canadian railway systems will be made.

3 hours, second semester. (3 units)

107. Principles of Marketing

TEVIOTDALE

This course offers a comprehensive survey of the field of marketing. Special attention is given to the conditions determining demand, the buying habits of the consumer, types of stores, methods of marketing, problems of finance, advertising, storage, selection and management of sales force. Primarily a senior course.

Prerequisite: Course 101.
3 hours, first semester. (3 units)

110. Investments.

CLIFFORD

A study of the principles governing security values and speculative investments. An analysis is made of the various types of investment securities and of their adaptability to various classes of purchasers. Open to seniors.

Prerequisite: Course 101 or 103.
2 hours, second semester. (2 units)

112. Statistics.

YOUNG

Methods of handling and interpreting economic data; index numbers, price movements, business cycles and construction of charts.

Prerequisite: Course 101.
2 hours, second semester. (2 units)

115-116. Principles of Advanced Accounting.

ELLSWORTH

A consideration of the fundamental theory and practice of accounts. Offered in alternate years. Offered 1926-27.

3 hours, throughout the year. (6 units)

121. Economic History of Europe.

TEVIOTDALE

A general course dealing with the evolution of industrial society and the economic development of Europe from the beginning of the modern period to the present. The major part of the course is devoted to a study of the effects of the Industrial Revolution, particularly in England. The great inventions and their effects upon the factory system and upon labor regulations, the economic origin of war and the economic problems of peace are treated. May count toward minor in Sociology.

2 hours, first semester. (2 units)

122. Economic History of the United States.

TEVIOTDALE

This course traces the development of the United States in agriculture, industry, commerce, transportation, banking, from the colonial period to the present. A brief treatment of the industrial development under British control, but mainly a study of the westward

movement and present trend of economic interests. May count toward a minor in Sociology.

2 hours, second semester. (2 units)

141. International Economic Relations.

DAY

A course intended to develop the economic basis of international relationships. A study is made of international trade, of protection and free trade, of economic imperialism as developed in the struggle for raw products, in the European colonies of Africa and concessions in China. The possibility of economic cooperation as a solution will be considered. A course primarily for seniors.

Prerequisite: Course 3-4.

2 hours, first semester. (2 units)

GRADUATE COURSES

With permission of the department, upper division courses are open to graduate students, additional work required.

211. Economic Seminar.

YOUNG

Primarily for graduate students; open to seniors with permission of the department.

Independent research upon selected topics.

2 hours, first semester. (2 units)

SOCIOLOGY

Minor: A minimum of nine units required in the upper division, or twelve recommended.

Prerequisite to the minor: Course 1-2 and either Political Science 1-2, Economics 1-2 or a year course in History, European or English advised.

Prerequisite to the upper division: Course 1-2 and Junior standing. Course 1-2 in Economics will be accepted in place of Sociology 1-2 by permission of instructor. Introduction courses in Biology and Psychology are strongly recommended though not required as prerequisite to the upper division. Religion 110, Christianity and Social Problems may count in this department.

LOWER DIVISION COURSES

1-2. Elements of Sociology.

This course is an introductory study of social principles and problems pertaining to human relationships as expressed in social groups and institutions. Open to all students of at least sophomore standing. Exception will be made in favor of freshmen specially qualified.

Prerequisite to all other courses in the department.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

151. Social Anthropology.

In this course social origins and the development of culture will be traced and a survey made of the civilizations of primitive peoples. The course is intended as a general introduction to the study of anthropology.

3 hours, first semester.

152. Social Control and Social Progress.

This course is a study of the processes of social organization, together with a detailed examination of the agencies of social control, such as custom, public opinion, social attitudes, law, education, religion, art, personality. Association, conflict, cooperation, leadership, and other forces which make for social progress will be considered.

3 hours, second semester.

153-154. Comparative Social Institutions.

A comparative study of social institutions and of modern social trends and movements and their leaders in Europe, Africa, and the Orient, with particular attention to the social and industrial revolutions in Russia, China, Turkey, and Indian. The bearing of these social influences upon international relations will be considered.

2 hours, throughout the year.

155. Labor Problems.

In this course a brief historical sketch of the labor movement in England and the United States will be followed by a detailed study of the major problems confronting both labor and capital. A criticism of the present methods of settling industrial disputes and proposed solutions will be offered. Occasional lectures by representatives of capital and labor will supplement class discussions. Supervised trips to factories and plants will be arranged as an integral part of the course. This course may count toward an Economics major.

2 hours, first semester.

158. Social Problems.

A study of the major social problems of modern society: the family, marriage and divorce, eugenics, the woman's movement, the negro, poverty, delinquency and crime, race friction, and war. The juvenile court, county hospital and jail, and other social institutions will be visited as part of the required work. Not given in 1926-27.

2 hours, second semester.

160. Race Problems.

An analysis of the role of race as a factor in civilization, together with a study of the problems arising from racial antipathies. Special attention will be given to the Mexican and Oriental problems of California in an effort to approach a just solution.

2 hours, second semester.

EDUCATION

PROFESSOR SINCLAIR PROFESSOR COOK

ASSISTANT PROFESSOR EMERSON MISS KINNEY, *Instructor*

MR. HUGHES, *Lecturer*

Major: Eighteen units in the upper division.

Minor: Nine units in the upper division.

Prerequisite to the major or minor: Consult department.

Prerequisite to upper division courses: Psychology 2.

Note—The major and minor named above are the academic major and minor, leading to the degree of Bachelor of Arts. For the meaning of these terms as used in the requirements for the High School Credential, see under "The School of Education."

UPPER DIVISION COURSES**101. Principles of Education (Introductory). SINCLAIR**

A general introduction to the field of education which gives a preliminary survey of the theories and general principles applying to education in a modern democratic society. This course, or its equivalent, is a prerequisite for all students seeking recommendation of department.

2 units, either semester.

105. History of Education, Earlier Period. COOK

A survey of the growth of education and its influence upon human progress. The course covers the period from the earliest times to the Renaissance.

3 units, first semester.

106. History of Education, Later Period. COOK

The history from the Renaissance to the present time is covered, particular attention being devoted to great thought movements and their bearing upon civilization and the advancement of learning.

3 units, second semester.

108. History of Education in the United States.

EMERSON

This course is designed as a study of the development of our present system of public education. Emphasis on ideals and practices characteristically American.

2 units, either semester.

111. Educational Psychology.

EMERSON

This course is introductory in nature, designed to acquaint the student with the field of Educational Psychology. Specific problems in connection with the native equipment of human beings and the psychology of learning will be considered, and selected experiments in the latter field will be included.

3 units, either semester.

112. Elementary Education.

SINCLAIR

This course should present the aim, function, work and attainable goals of the elementary school as a basic part of the American system of education. The course should deal with the specific problems of the elementary school in its relations with the community and the other schools of the American series. There should be taken up in this course the several internal problems of administration, organization and control, with particular reference to the specific institutional curricular and extra-curricular ideals and objectives of the elementary school.

2 units, either semester.

114. Public Education in California.

EMERSON

A study of the structure, organization and administration of the California school system, as given in the School Law of the State, and as interpreted by the rulings of the State Superintendent of Public Instruction, the Attorney General, and the California courts. Intended to give to prospective teachers a conception of the historical development and the main features of the California school system. A required course for the teacher's credential in California.

2 units, either semester.

119. Secondary Education.

SINCLAIR

The evolution, scope and functions of secondary education, including the field of the junior high school, senior high school and junior college, secondary schools and other educational agencies in relation to social needs; presenting particularly the purpose, objectives and at-

tainable goals for secondary schools and the several curriculum offerings of the modern secondary school.

2 units, second semester.

123. School Administration and Supervision.

EMERSON

This course considers the organization and administrative control of state, county, and city school systems.

2 or 3 units, first semester.

125. Organization and Supervision of Instruction.

EMERSON

A study of the principles underlying the organization and supervision of classroom instruction, the art and technique of schoolroom supervision, the supervision of instruction in the different school subjects, and means for improving teaching technique and the estimating of teaching efficiency.

2 units, either semester.

127. Technique of Teaching.

KINNEY

This course is intended for prospective teachers. It presents the general methods employed in the organization, instruction, and control of classes in the various branches of public school work. There will be definite assignments in the observation of teaching.

2 units, either semester.

130. Education for Citizenship.

SINCLAIR

An analysis of the ideals and habits essential for good citizenship, followed by a study of the part which each school subject and activity contributes to their development.

2 units, either semester.

133. Junior High School Education.

SINCLAIR

An intensive study of the nature and functions of the junior high school; its aims, purposes and objectives; its organization, curriculum and methods of instruction; objectives and functions of the subject matter and social programs in junior high schools.

2 units, first semester.

136. Practice Teaching.

KINNEY

Actual experience in teaching under supervision in the public schools of the city for at least five hours per week during one semester. Open to seniors who are candidates for Elementary or Junior High School Credentials. Conferences two hours per week. Not credited toward the A. B. degree.

4 units, either semester.

138. Technique of Fundamental Subjects.

EMERSON

A course for prospective elementary teachers, with special emphasis on the teaching of reading.

2 units, either semester.

140. Principles of Education (Advanced).

SINCLAIR

A study of the biological and psychological principles underlying modern education, in connection with the demands of modern society in a complex social, economic, and scientific world, with a view to the formulation of a working philosophy for the educative process.

2 units, either semester.

142. Growth and Development of the Child.

EMERSON

A study of the mental and physical growth and development of the school child, with special emphasis on physical development and the physical basis of education, the general laws of growth, physical defects, the health of the school child, and preventive mental hygiene.

2 units, either semester.

178. Mental Measurements.

EMERSON

This course will give the student an introduction to the field of mental measurements. The nature and use of standard tests will be studied. Sufficient elementary statistics procedure will be given as a basis for diagnosis.

3 units, either semester.

180. Educational Tests and Measurements.

EMERSON

A brief survey of the more important educational tests. Emphasis on the problem of administration, scoring and interpretation.

2 units, first semester.

GRADUATE COURSES

201. Teachers' Courses.

Teachers' Courses in special methods in connection with the preparation in teaching majors and minors in various departments are offered as indicated below:

- A. Teachers' Course in Botany.
- B. Teachers' Course in Chemistry.
- C. Teachers' Course in English.
- D. Teachers' Course in French.
- E. Teachers' Course in Greek.
- F. Teachers' Course in History.
- G. Teachers' Course in Latin.
- H. Teachers' Course in Mathematics.
- I. Teachers' Course in Physics.
- J. Teachers' Course in Political Science.
- K. Teachers' Course in Spanish.
- L. Teachers' Course in Zoology.

For further information concerning the above courses, see statements of departments concerned, under Course 201. None of them may be credited toward the degree of Master of Arts.

206. Practice Teaching.

KINNEY

Candidates for the High School Credential who are without teaching experience are required to complete one semester of actual teaching five hours per week in a city high school. This teaching, carried on under supervision, is supplemented by frequent conferences for discussion of problems. Not credited toward the A. B. or M. A. degree.

4 units, either semester.

**226. Measurement and Development of
Personality Traits.**

HUGHES

The technique of personality measurement and the use of such in the solution of school problems. Primarily for graduates; seniors admitted by permission.

2 units, either semester.

**230. Principles of Personnel Efficiency Applied
to Educational Problems.**

HUGHES

A graduate course planned especially to count as Personnel Management toward the Educational Research and Guidance Credential. It will also be accepted by the State Board for administration and supervision.

2 units, either semester.

236. Educational Seminar.

SINCLAIR

2 or 3 units, throughout the year.

ENGLISH

PROFESSOR STELTER

PROFESSOR MARTIN

ASSOCIATE PROFESSOR ODELL

ASSOCIATE PROFESSOR THOMPSON

ASSISTANT PROFESSOR MACINTYRE

MR. SHEFFIELD, *Instructor*

MISS BUELL, *Assistant*

Major: For graduation, twenty-one units in the upper division; twenty-four units in the upper division for students seeking the recommendation of the department for honors, graduate work, or a General Secondary Credential. A major should ordinarily include at least two units in advanced composition, three from courses 121-

124, twelve from 124-148, and such other courses as 167-168 and 255-256.

All students majoring in the department, especially those who expect to pursue graduate work in English, should equip themselves with a reading knowledge of one or more of the foreign languages chosen from Greek, Latin, French, or German. A course in English History is advised for those not offering it for entrance. Speech Education 118, or its equivalent, is accepted as major work, and is required of all majors in the department seeking a teacher's credential.

Minor: For graduation, nine units in the upper division; twelve units for students who seek the recommendation of the department.

Prerequisite to the major or minor: Course 1-2 and 51-52 or equivalents.
Prerequisite to upper division courses: Course 1-2; six units from lower division courses numbered above 50, or equivalent.

Graduate Major:

1. For the Master's degree: Thirty-six units of upper division and graduate work in English, including two graduate seminars, or graduate year courses, or equivalents. For the General Secondary Credential: The equivalent of the recommended undergraduate major, and eight graduate units, or four in the case of teachers of not less than seventeen months' experience. The course in Oral Interpretation of Literature (Speech Education 118), or its equivalent, is also required.

2. Reading knowledge of at least one foreign language.

3. For the Master's degree, the presentation of an acceptable thesis.

4. The English Final Examination. These examinations, oral or written, are a comprehensive test of the student's habits of study, thought, and expression, as well as of his knowledge of the subject matter involved. The examinations cover the following points, all of which must be satisfied, at least three by formal examination, by all candidates for the General Secondary Credential and graduate degree:

- i. The general history of English Literature, its chief masterpieces, and methods of study. Formal examination required.
- ii. One or more of the main periods, types, or authors. May be met by satisfactory work in upper division courses aggregating not less than six units.
- iii. The development of the English language, and principles of linguistic study. May be met by from four to six units from courses the equivalent of 121 to 124.
- iv. Standard principles of literary criticism applied to types and forms. May be met by course 255-256.
- v. Organization and presentation of thought, oral and written. May be met by courses in advanced composition and Speech Education.

LOWER DIVISION COURSES

A. Essentials of Composition.

BUELL

Required in connection with course 1-2, or subsequently, of all students whose work shows deficiency in the essentials of composition.

1 hour, either semester. (no credit)

1-2. English Composition.

THE STAFF

Introductory course. Required for graduation and prerequisite to all upper division courses. Must be completed or in progress before any other lower division course may be taken in this department.

3 hours, throughout the year. (6 units)

51-52. History of English Literature.

THE STAFF

A thorough survey; required, or its equivalent, of students who intend to major or minor in English. Either semester may be taken separately.

Prerequisite: Course 1-2, completed or in progress.

53-54. Types of Literature.

THE STAFF

A series of courses in the historical and critical study of the development, and of representative forms, of various types of literature: (A) the English essay, (B) the drama, (C) the novel, (D) narrative and lyrical poetry, (E) the epic, (F) the short story, (G) biography and letters. One or more of the types is offered each year.

Prerequisite: Course 1-2, completed or in progress.

2 hours each, throughout the year. (4 units each)

55-56. Introduction to Poetry.

MACINTYRE

The nature and essentials, and the forms of poetry; methods of study.

Prerequisite: Course 1-2, completed or in progress.

2 hours, throughout the year. (4 units)

61-62. Journalism.

SHEFFIELD

News writing. Either semester may be taken separately.

Prerequisite: Course 1-2, completed or in progress.

2 hours, throughout the year. (4 units)

UPPER DIVISION COURSES

Certain courses of the upper division are given in alternate years. Upon completion of additional requirements courses 121 and following may be credited as graduate work.

101. Advanced Composition.

THE STAFF

The theory and practice of:

A—Narrative and descriptive writing.

B—The informal essay.

C—Expository writing.

D—Literary criticism.

E—Argumentation.

One or more of the types is offered each year.

2 hours, one semester.

103. Editorial and Critical Writing.

MACINTYRE

Theory and practice.

2 hours, first semester.

104. Short Story Writing.

ODELL

Discussion of theories involved, analysis of types, and practice in writing.

2 hours, second semester.

110. Versification.

MACINTYRE

A study of the principles and forms of English verse; practice in verse writing.

1 hour, second semester.

121-122. Old English.

THOMPSON

Elements of Old English grammar, with readings; survey of the literature of the period.

3 hours, throughout the year. (6 units)

123. The History of the Language.

THOMPSON

The origin, growth, and history of the language.

3 hours, first semester.

124. The Period of Chaucer.

STELTER

The life and times of Chaucer; readings principally in *The Canterbury Tales* and in *Troilus and Criseyde*; survey of Middle English grammar and literature.

3 hours, second semester.

127. The Development of the Drama.

MARTIN

The beginning and development of English drama to about 1600. Miracles, moralities and interludes; classical influences; the immediate predecessors of Shakespeare; Shakespeare's work to 1597.

3 hours, first semester.

128. Elizabethan Drama.

MARTIN

From 1600 to the closing of the theatre. Shakespeare's plays; his chief contemporaries and successors: Johnson, Beaumont and Fletcher, Webster, Middleton, Massinger, and others.

3 hours, second semester.

129. Elizabethan Non-Dramatic Literature.

MARTIN

The Renaissance; principal authors and types (1557-1625); Spenser.

3 hours, first semester.

130. Shakespeare.

MARTIN

Reading of a number of plays; Shakespeare's dramatic art; the theatrical and social conditions of the times.

3 hours, second semester.

132. Shakespeare.

MARTIN

Intensive study of three plays.

3 hours, second semester.

135. The Period of Milton.

STELTER

The life and times of Milton (1625-1660); his poetry and most important prose; the "metaphysical," the church, and the cavalier poets; prose writers.

3 hours, first semester.

136. The Classical Period.

THOMPSON

The background, the literary movements, and the major poets and prose writers of the period (1660-1780).

3 hours, second semester.

137. The Romantic Period.

MACINTYRE

The rise of romanticism; Wordsworth, Coleridge, Byron, Shelley, Keats; other writers of verse and prose of the period (1780-1832).

3 hours, first semester.

139. The History of the Novel.

The development of the English novel to the nineteenth century.

3 hours, first semester.

140 Nineteenth Century Novelists.

MACINTYRE

The greater English novelists of the nineteenth century.

3 hours, second semester.

142. Nineteenth Century Prose.

THOMPSON

A study of the major prose writers, exclusive of the novelists.

3 hours, second semester.

144. Victorian Poetry.

STELTER

The major poets of the period (1832-1892).

145-146. American Literature.

THOMPSON

A general survey of American literature, with a detailed study of important writers. Either semester may be taken separately.

3 hours, throughout the year. (6 units)

147. Browning.

CUNNINGHAM

A systematic and intensive study of the philosophy and art of Robert Browning.

148. Meredith, Hardy, and the Later Nineteenth Century. MACINTYRE

A study of the chief works of Meredith and Hardy, and of other representative men of the period.

3 hours, second semester.

151. Modern Drama. STELTER

A study of the chief contemporary English, American, and Continental dramatists from Ibsen to the present time.

3 hours, first semester.

152. Contemporary Poetry.

A survey of English and American poetry since 1890, with special attention to modern tendencies.

3 hours, first semester.

161-162. Advanced Journalism. SHEFFIELD

A study of American journalism.

2 hours, throughout the year. (4 units)

167-168. Comparative Literature. MACINTYRE

A study of world classical literature and its influence upon English.

2 hours, throughout the year. (4 units)

GRADUATE COURSES

201. The Teaching of English. STELTER

A study of the problems and methods of the teaching of English in the secondary schools. Open to seniors and graduate students. Required of candidates for High School Credentials offering English as a major. No credit toward the degree of Master of Arts.

See Education 201.

2 hours, first semester.

211-212. Seminar.

Subject to be chosen.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

255-256. Theories of Poetry. STELTER

A study of the chief theories of poetry, of literary criticism, and of the types of poetry, with illustrations drawn mainly from the English poets.

2 hours, throughout the year. (4 units)

FRENCH

PROFESSOR BELL

PROFESSOR LOWTHER

ASSOCIATE PROFESSOR NIVON

ASSISTANT PROFESSOR WILEY

MISS CHRISTIE, *Instructor*

Major: A minimum of twenty-two units in the upper division, including courses 101-102, and 103-104 or 105-106. Four of these units may be taken in approved courses of related departments. The attention of majors is called to appropriate courses in Latin, Spanish and German, to English 136, 137, and 151, and to History 105-106.

Minor: A minimum of nine units in the upper division. Majors and minors should familiarize themselves with the general regulations of major and minor subjects and with the requirements of the upper division (catalogue, Part V).

Prerequisite to major or minor, and to all upper division courses: Course 5-6 or 3-4 with recommended grade. Under certain conditions, courses 105 to 114 inclusive may be counted as graduate credit.

In all upper division courses credit will be given for the work of either semester.

THE HIGH SCHOOL TEACHER'S CREDENTIAL: The requirements of the major, course 201, and a minimum of six graduate units.

FRENCH CLUB: Students wishing practice in French conversation are urged to identify themselves with the activities of the French Club, which holds monthly meetings of a literary and social nature.

LOWER DIVISION COURSES

1-2. Elementary French.

THE STAFF

Pronunciation, essentials of grammar, reading of simple French, writing, conversation, dictation. Students presenting one year of high school French will enter 2. Both 1 and 2 offered each semester. Credit not given for 1 unless followed by 2.

5 hours, both semesters. (10 units)

3-4. Intermediate French, First Course.

THE STAFF

Readings from modern French novelists, dramatists, and poets. Grammar review, composition, conversation, collateral reading. This course aims to enable students to read modern French with ease, and to write simple prose correctly. Credit not given for 3 unless followed by 4. Students receiving a recommended grade in 3-4 may proceed immediately to the upper division.

Prerequisite: Course 1-2 or two years of high school French.
3 hours, throughout the year. (6 units)

5-6. Intermediate French, Second Course.

CHRISTIE

For students with four years of entrance credit and for those failing

of a recommended grade in 3-4. In content this course continues the work of 3-4. At the discretion of the instructor credit may be given for a single semester's work.

Prerequisite: Course 3-4 or four years of high school French.
3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Prerequisite to upper division: Course 5-6 or 3-4 with recommended grade and for courses above 102 the ability to understand spoken French. It is advised that course 103-104 precede courses 105 to 114 inclusive.

In all upper division courses credit will be given for the work of either semester.

101-102. Advanced Composition and Conversation. BELL

Intensive exercises in oral and written French, critical study of syntax, reports and discussions on periodicals, journals, newspapers, and on collateral reading. This course aims to give a mastery of spoken French. Required of majors, and a prerequisite of course 201. It is advised that this course either precede or be taken in connection with course 103-104.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

103-104. General Survey of French Literature. CHRISTIE

An outline of French Literature with emphasis upon important authors and with reading of representative masterpieces. Collateral reading and reports. At the discretion of instructor may be counted toward major by properly qualified sophomores. It is advised that this course precede courses 105 to 114 inclusive.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

105-106. French Literature of the Seventeenth Century. NIVON

The formation of the "Classic Ideal," the theatre of Corneille, Molière, and Racine; non-dramatic literature of the period. Collateral reading and reports.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

107-108. French Literature of the Eighteenth Century.

The philosophers, scientists, encyclopédistes, with special attention to Montesquieu, Voltaire, and Rousseau; the decline of Classicism, the beginnings of Romanticism. Collateral reading and reports. The attention of students taking this course is called to English 136, 137. Not given in 1926-27.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

109-110. French Drama of the Nineteenth Century.

The development of the drama in France from the time of Scribe to the end of the century. Collateral reading and reports. This course alternates with 111-112. Not given in 1926-27.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

111-112.—French Non-Dramatic Literature of the Nineteenth Century.

NIVON

The novel, short story and lyric, with some attention to historical prose and literary criticism. Collateral reading and reports. This course alternates with 109-110. Given in 1926-27.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

113-114. Contemporary French Literature.

Main currents in French literature from 1885 to the present. Collateral reading and reports.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

125. French Pronunciation.

WILEY

A study of French phonetics based upon the standard manuals. Required of candidates for high school credentials offering French as major or minor.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, first semester.

GRADUATE COURSES

201. Teachers' Course.

LOWTHER

The teaching of French pronunciation and the use of phonetic symbols, a survey of methods, pedagogical bibliography, study of textbooks, the French course in secondary schools. Open to seniors and graduate students. Required of candidates for high school credentials offering French as a major. Not credited toward the degree of Master of Arts. See Education 201.

Prerequisite: Courses 101-102, and 125.
2 hours, first semester.

211-212. Seminar.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

GEOLOGY

See Botany and Geology

GERMAN

PROFESSOR

MISS STEIN

Major: Eighteen units in the upper division.

Minor: Nine units in the upper division.

Prerequisite to major or minor: Courses 1-2 and 3-4, or equivalent.

LOWER DIVISION COURSES**1-2. Elementary German.**

Pronunciation, essentials of grammar, reading of simple German, composition, conversation. Credit not given for 1 unless followed by 2.

5 hours, throughout the year. (10 units)

3-4. Intermediate German.

Reading of modern German prose and poetry, grammar review, composition, conversation, and collateral reading. Credit not given for 3 unless followed by 4.

Prerequisite: Course 1-2 or two years of high school German.
3 hours, throughout the year. (6 units)

5-6. Scientific German.

Rapid reading of scientific German for students specializing in science.

Prerequisite: Course 3-4 or four years of high school German.
2 hours, throughout the year. (4 units)

UPPER DIVISION COURSES

Course 3-4 is prerequisite to all upper division courses in the department.

101-102. Advanced Composition and Conversation.

For students wishing to improve their knowledge of spoken German. It is advised that this course either precede or be taken in connection with course 103-104.

Prerequisite: Course 3-4.
2 hours, throughout the year. (4 units)

103-104. General Survey of German Literature.

An outline of German literature with emphasis upon important authors and with reading of representative masterpieces. Collateral

reading and reports. It is advised that this course precede courses 105 to 108 inclusive.

Prerequisite: Course 3-4.

3 hours, throughout the year. (6 units)

105-106. The Classical Period of German Literature.

Reading of selected dramas of Lessing, Goethe, and Schiller. Lectures, collateral reading, and reports.

Prerequisite: Course 3-4.

3 hours, throughout the year. (6 units)

107-108. Goethe's Faust.

Reading of Part I entire and of selections from Part II. Lectures on the origin and development of the Faust legend, and its treatment in literature.

Prerequisite: Course 105-106.

2 hours, throughout the year. (4 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

GREEK

PROFESSOR WARD

Major: Eighteen units in the upper division, taken from courses 105 to 110.

Minor: Nine or more units in the upper division, including one course in Plato or the historians, and one in the drama.

Prerequisite to the major: Courses 1, 2, and 6.

Prerequisite to the minor: Courses 1 and 2.

LOWER DIVISION COURSES

1. Elementary.

Course for beginners.

5 hours, first semester.

2. Xenophon and Homer.

May be varied to suit the needs of the class.

Prerequisite: Course 1.

5 hours, second semester.

6. Prose Composition.

Prerequisite: Course 2.

2 hours, one semester.

7. Greek Life and Art.

No knowledge of Greek required. Illustrated lectures. Open to all.
2 hours, first semester.

11. Selected Letters of Paul.

May be taken twice in succession without covering the same ground.

Prerequisite: Course 2.
3 hours, first semester.

12. Hebrews and the Catholic Epistles or Other Non-Narrative Portions of the New Testament.

May be taken twice in succession without covering the same ground.

Prerequisite: Course 2.
3 hours, second semester.

UPPER DIVISION COURSES

105. Plato.

Apology and Crito, with part of the Phaedo. Offered in alternate years with course 107.

Prerequisite: Course 2.
3 hours, first semester.

106. Euripides, Aristophanes.

Alcestis or Medea; Clouds; or other selected plays. Offered in alternate years with course 108.

Prerequisite: Course 2.
3 hours, second semester.

107. Herodotus.

Books VII and VIII. Offered in alternate years with course 105.

Prerequisite: Course 2.
3 hours, first semester.

108. Aeschylus, Sophocles.

Prometheus Bound, Oedipus Tyrannus, Antigone. Offered in alternate years with course 106.

Prerequisite: Course 2.
3 hours, second semester.

109. Thucydides.

The Sicilian Expedition. Open to advanced undergraduates and to graduate students.

Prerequisite: 105 or 107, with 106 or 108.
3 hours, first semester.

110. Plato.

Selected dialogues. Open to advanced undergraduates and to graduate students.

Prerequisite: 105 or 107, with 106 or 108.
3 hours, second semester.

112. The Greek Drama in English.

No knowledge of the Greek language required. Aeschylus, Sophocles, and Euripides are studied somewhat in detail. History of the Greek theatre and of dramatic presentation at Athens.

2 hours, second semester.

201. Teachers' Course.

See Education 201.
2 hours, one semester.

HISTORY

PROFESSOR CLELAND

PROFESSOR MYERS

PROFESSOR WARD

ASSISTANT PROFESSOR HARDY

Major: A minimum of twenty-one units of upper division in the department. Course 103 or 117-118 in the Department of Political Science will be accepted toward meeting this requirement. Three additional units (a total of 24) are required either in the department or from certain selected courses in the Department of Economics or of Political Science.

Minor: A minimum of nine units of upper division in the department.

LOWER DIVISION COURSES**1-2. A General Survey of European Civilization.**

MYERS

Not given 1926-27.

3 hours, throughout the year.

5-6. History of the Americas.

HARDY

A general survey of the planting of colonial societies in the New World and of the rise of the American nations from the beginning of independence to the present.

3 hours, throughout the year.

7-8. History of England.

CLELAND

A survey of the political, social and economic development of England and of the foundations of the British Empire.

3 hours, throughout the year.

UPPER DIVISION COURSES

History majors are required to take 6 units of European History and 6 units of American History in the upper division. With additional requirements and the consent of the head of the department certain courses listed below may be taken for graduate credit.

101. History of Greece.

WARD

A general survey of the history of Greece, closing with the career of Alexander the Great.

3 hours, first semester.

102. History of Rome.

WARD

A general survey of the history of Rome to the fall of the Western empire. Special emphasis on the Republican period.

3 hours, second semester.

103. Mediaeval Civilization.

MYERS

This course deals with the period between the fourth and the close of the fourteenth centuries. It attempts to present the development and organization of mediaeval life in Europe as a background for modern European history. It considers the intellectual and artistic ideals of the period as related to the intellectual and artistic achievements of the Renaissance.

3 hours, first semester.

104. The Renaissance in Europe.

MYERS

This course deals with the transformation of European life between the fourteenth and sixteenth century. It introduces the student to a closer study of a few great men who left an indelible imprint upon the intellectual, religious and artistic phases of western culture.

3 hours, second semester.

105. Modern European History.

MYERS

A study of Modern Europe from the reign of Louis XIV through the French Revolution.

3 hours, first semester.

106. Modern European History.

MYERS

A study of Europe since the French Revolution.

3 hours, second semester.

107-108. History of the United States.

HARDY

A study of the political history of the United States from the close of the Revolutionary War to the present time.

3 hours, throughout the year.

109. History of South America.

CLELAND

A survey of the political, social and economic development of the South American Republics during the nineteenth and twentieth centuries.

3 hours, first semester.

110. The United States and Hispanic America.

CLELAND

A survey of international relations.

3 hours, second semester.

111. History of Mexico.

CLELAND

A study of the political development of Mexico.

2 hours, first semester.

112. History of Mexico.

CLELAND

A study of the economic and social development of Mexico.

2 hours, second semester.

113. History of California.

HARDY

The period of Spanish-Mexican rule, American annexation, and progress as a state.

3 hours, second semester.

114. Development of the British Empire.

HARDY

(Not given in 1926-27.)

2 hours, second semester.

116. The Pacific Ocean in History.

HARDY

A study of the Pacific Area, with especial emphasis upon the relations of the United States and the nations bordering upon the Pacific.

3 hours, first semester.

GRADUATE COURSES

Courses numbered 202 or above are open only to graduate students and to a limited number of qualified seniors.

201. Teachers' Course.

No credit toward the degree of Master of Arts.

See Education 201.

2 hours, second semester.

204-205. History Seminar.

HARDY

Subject for 1926-27: California Politics from 1848 to 1865.

2 hours, throughout the year.

206-207. History Seminar.

CLELAND

Subject for 1926-27: Mexico from 1880 to 1920.

2 hours, throughout the year.

220. Thesis for the Master of Arts Degree.

Not to exceed four units.

HISTORY OF ART

See Drawing and Art

HYGIENE AND PUBLIC HEALTH

ASSOCIATE PROFESSOR HODGDON

MRS. BIRD, *Instructor*MISS STEARNS, *Instructor***LOWER DIVISION COURSES****2. Personal Hygiene and First Aid.**

STEARNS

Primarily for freshmen.

2 hours, second semester.

3. Public Health and Sanitation.

HODGDON

Not credited toward lower division requirement in science.

Given in alternate years. Given in 1926-27.

4. Domestic Hygiene and Practical Nursing.

BIRD

Instruction and demonstration in home care of the sick, infant care, preservation of health, bandaging, first aid, and Swedish massage.

Open to women.

2 hours, first semester.

5. Dietetics and Cookery.

BIRD

A study of foods and food values, of the chemistry and physiology of digestion and of the varying requirements of the individual. Preparation and service of practical dietaries. Open to women.

Prerequisite: One year in chemistry.

2 hours of lecture and 2 laboratory periods of two hours each, second semester. (4 units)

UPPER DIVISION COURSES

110. School Hygiene and Methods of Hygiene Teaching.

STEARNS

Open to undergraduates of advanced standing and to graduate students.

Prerequisite: 142.

2 hours, second semester.

142. Growth and Development of the Child.

3 hours, first semester. (3 units)

LATIN

PROFESSOR LOWTHER

Major: Eighteen units in the upper division.

The attention of majors is called to appropriate courses in Greek and Romance languages, to the course in Greek Life and Art (Greek 7), and to History 101-102.

Minor: Nine units in the upper division.

Prerequisite to major and minor: Courses 5, 6, and 10.

LOWER DIVISION COURSES

1-2. Elementary Latin.

Grammar, reading of simple prose and of selections from Caesar, elementary prose composition. The equivalent of the first two years of high school Latin.

5 hours, throughout the year. (10 units)

3-4. Intermediate Latin.

Selections from Cicero and from Vergil's Aeneid, books I-VI, prose composition. The equivalent of the third and fourth years of high school Latin.

Prerequisite: Course 1-2 or two years of high school Latin.

3 hours, throughout the year. (6 units)

5. Cicero or Livy.

Cicero: De Senectute or De Amicitia, or selections from Livy, books XXI-XXII.

Prerequisite: Four years of high school Latin or courses 1-2, 3-4. Preceded by course 3-4, may be counted as upper division credit.

3 hours, first semester.

6. Horace.

Odes and Epodes, to which certain of the Satires may be added.
Lyric meters.

Prerequisite: Four years of high school Latin or courses 1-2, 3-4.
Preceded by course 3-4, may be counted as upper division credit.
3 hours, second semester.

10. Prose Composition.

Emphasis is laid on the principles of connected discourse. Review of forms and of syntax. Course 10 or equivalent must be taken as a prerequisite of course 201.

Prerequisite: Course 3.
2 hours, second semester.

UPPER DIVISION COURSES

Courses 5 and 6 are prerequisite to all upper division courses in the department. Such of these are offered each year as the preparation and needs of the students determine.

101. Latin Comedy.

Selected plays of Plautus and of Terence. Meters, early forms and constructions, Greek and Roman life.

3 hours, first semester.

102. Lyric and Elegiac Poetry.

Selected poems of Catullus, Propertius, Tibullus, and Ovid. Catullus will be made the subject of special study.

3 hours, second semester.

103. Tacitus and Pliny.

Tacitus: Agricola and Germania. Pliny: Selected Letters. A general survey of the Silver Age in Latin literature.

3 hours, first semester.

104. Juvenal and Martial.

Selected Satires of Juvenal and Epigrams of Martial. Lectures and collateral reading on the life and society of the period.

3 hours, second semester.

105. Vergil.

Selections from the Eclogues and Georgics, and from the Aeneid, books VII-XII.

3 hours, first semester.

201. Teachers' Course..

See Education 201.
2 hours, one semester.

MATHEMATICS

PROFESSOR ALLEN

ASSISTANT PROFESSOR MORSE

ASSISTANT PROFESSOR ———

Major: Eighteen units in the upper division.

Minor: Nine units in the upper division.

Prerequisite to the major or minor: Courses 1, 2, 3, and 4.

Technical Drawing 15-16 and 117-118, and Physics 123-124 are credited in this department.

LOWER DIVISION COURSES

1. Plane and Spherical Trigonometry.

Prerequisite: Elementary algebra and plane geometry.
3 hours, first semester.

2. Solid Geometry.

Prerequisite: Elementary algebra and plane geometry.
3 hours, second semester.

3. College Algebra.

ALLEN

Includes the development and application of the binomial theorem and of the exponential and logarithmic series, permutations and combinations, and the theory of equations.

Prerequisite: Elementary algebra and plane geometry.
3 hours, first semester.

4. Plane Analytics.

ALLEN

A study of analytic methods, the analytic geometry of the straight line, the circle, and the conic sections, and investigation of the general equation of the second degree.

Prerequisite: Trigonometry.
3 hours, second semester.

5. Surveying.

MORSE

A study of the elementary operations employed in making surveys for engineering work, including the use, care, and adjustments of instruments, linear and angular measurements, note keeping, and field methods.

Prerequisite: Course 1.
3 hours, first semester.

6. Advanced Surveying.

MORSE

Plane table surveys, topographic surveys, base line measurements, triangulation, curves, cross-section surveys and earthwork estimates, mapping, and the solution of problems.

Prerequisite: Course 5.
3 hours, second semester.

7. Theory of Equations.

ALLEN

The theory of determinants; the theory, analysis, and solution of higher numerical and algebraic equations.

Prerequisite: Courses 1 and 3.
2 hours, first semester.

11. General Astronomy.

ALLEN

A course in descriptive astronomy. Study of nebulae, planets, and constellations, with the telescope.

Prerequisite: Trigonometry.
3 hours, first semester.

UPPER DIVISION COURSES

These will be counted as upper division courses only when preceded by 1, 2, 3, and 4, but may be taken as lower division courses with the prerequisites named below.

121. Differential Calculus.

ALLEN

The principles and formulae of differential calculus and the application to such problems as maxima and minima, indeterminate forms, expansion of series, etc.

Prerequisite: Courses 3 and 4.
3 hours, first semester.

122. Integral Calculus.

ALLEN

The principles and formulae of integral calculus, with application to problems in integration, such as lengths of curves, areas, volumes, etc.

Prerequisite: Course 121.
3 hours, second semester.

125. Advanced Calculus.

ALLEN

A more advanced study of the principles of differential and integral calculus and their applications to many problems, such as curve analysis, envelopes, points of contact, volume of solids, moment of inertia, center of gravity, pressure of liquids, etc. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite: Courses 121 and 122.
3 hours, first semester.

126. Differential Equations.

ALLEN

A study of the nature, meaning, and the solutions of ordinary and partial differential equations and the application of differential equations in the solution of problems in Mechanics and Physics. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite: Courses 121 and 122.
3 hours, second semester.

128. Higher Analytics.

ALLEN

A more advanced course than course 4, including a study of higher plane curves and the elements of solid analytic geometry.

Prerequisite: Course 4.
3 hours, second semester.

130. Practical Astronomy.

ALLEN

Lectures and instrumental work. The determination of time, latitude and longitude, and the computation of current eclipses and occultation of stars.

Prerequisite: Courses 2, 4, 11.
3 hours, second semester.

131. Least Squares and Probabilities.

MORSE

Prerequisite: Courses 121 and 122.
2 hours, first semester.

132. Precision of Measurement and Graphical Methods.

MORSE

Same as Physics 132.

Prerequisite: Courses 121 and 122.
2 hours, second semester.

201. Teachers' Course.

See Education 201.
2 hours, one semester.

MUSIC

PROFESSOR HARTLEY

Beginning with the fall term of the year 1926-1927 the College will offer Theoretical and Applied courses in Music. A bulletin giving additional detailed information concerning these courses will be published later and will be sent upon application to the *Secretary, Occidental College, Los Angeles, California.*

The Committee on Public Events and Entertainments also plans to sponsor each year a number of concerts and recitals by noted artists. Such events will be of interest and cultural value to all college students as well as those whose particular interest lies in the Department of Music.

PHILOSOPHY AND PSYCHOLOGY

PHILOSOPHY

PROFESSOR BURT

PROFESSOR WIEMAN

ASSISTANT PROFESSOR WRIGHT

Major: Twenty-one units in the upper division.

Minor: Nine or more units in the upper division.

Prerequisite to the major and minor: Courses 3, and 11-12, and Psychology 2. Those intending to major in Philosophy will take 11-12 in the freshman year.

Courses 103, 104-105, 106, and 119 may be credited in Religion and Ethics.

LOWER DIVISION COURSES

3. Logic.

BURT

The principles of inductive and deductive logic are studied and applied in practical work. Special attention is paid to the several types of fallacy.

Prerequisite: Sophomore standing.

3 hours, first semester.

11-12. Introduction to Philosophy.

WRIGHT

An elementary consideration of the problems of Philosophy. Freshmen intending to major in Philosophy should elect this course.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Courses 3, 11-12, and Psychology 2 are prerequisite to all upper division courses in this department.

101. History of Ancient Philosophy.

WRIGHT

3 hours, first semester.

102. History of Modern Philosophy.

WRIGHT

3 hours, second semester.

103. Ethics.

WRIGHT

Ethical principles set forth through an examination of human nature and society.

3 hours, first semester.

104-105. Philosophy of Religion.

WIEMAN

The meaning of God in human experience. Open to advanced undergraduates, and to graduate students.

3 hours each semester. (6 units)

106. Comparative Religion.

BURT

A brief study of the great religions of the world with reference to their influence upon life and civilization.

Prerequisite: Junior standing; Psychology 2.
2 hours, second semester.

107. Philosophy of the Nineteenth Century.

WRIGHT

A study of the general ideas characteristic of the intellectual achievements of the century, such as German idealism, French positivism, English utilitarianism and theories of evolution.

2 hours, first semester.

108. Theory of Knowledge.

WRIGHT

Contemporary discussion of the theory of knowledge.

2 hours, second semester.

109. Advanced Logic.

WIEMAN

A study of scientific method.

2 hours, first semester.

112. Philosophy of Law.

WIEMAN

A study of the social and ethical functions of law.

3 hours, second semester.

113. Seminar—Immanuel Kant.

WRIGHT

His critical philosophy.

2 hours, first semester.

114. Seminar—Modern Contemporary Philosophy.

WIEMAN

2 hours, second semester.

119. Metaphysics.

WIEMAN

A formulation of the concepts of matter, life, mind, and God in their relations to one another. Open to advanced undergraduates and graduate students.

3 hours, first semester.

PSYCHOLOGY

ASSISTANT PROFESSOR ———

Minor: Six or more units in the upper division.

Prerequisite to the minor: Courses 2 and 22, and Philosophy 11-12.

LOWER DIVISION COURSES

2. Introductory Psychology.

SINCLAIR

A course intended to acquaint the beginning student of psychology with the field in general. Open to freshmen only upon the approval of the department.

3 hours, either semester.

22. Advanced Psychology.

The main issues of contemporary psychology, as shown especially by current writings, will be studied in their relationship to the historical development of the science. Not given in 1926-27.

3 hours, second semester.

UPPER DIVISION COURSES

121-122. Experimental Psychology.

SINCLAIR

An elementary laboratory course introducing the student to the various methods of psychological investigation and technique. For the year 1926-27.

2 hours, first semester only.

124. Social Psychology.

SINCLAIR

2 hours, second semester.

PHYSICAL EDUCATION FOR MEN

PROFESSOR KIENHOLZ

PROFESSOR PIPAL

DOCTOR KENNETH SMILEY

MR. DAUGHERTY

MR. ANDERSON

COACH CLARK

COACH SMITH

COACH EXINDINE

Major: A minimum of eighteen units in the upper division, including courses 103, 105, 106, 115-116, 127, and Hygiene 142.

Minor: Six or more units in the upper division.

Prerequisite to major or minor: Courses 1a, 2a, 3a, 4a, 1b, 2b, 3b, 4b, 5, 6, and Zoology 1-2, and 1L-2L. Zoology 8 and 8L, Hygiene 3, and Psychology 2 are prerequisites to the Teachers' Course.

The work in this department is designed to encourage proper habits of health, to improve bodily control and strength, to stimulate the development of mental and physical alertness and poise, to establish habits of regular exercise, and to give an experience in various kinds of competitive and recreative sports that will be useful in after life.

A physical examination is given all freshmen at the beginning of the year, on the basis of which advice is given as to the type of physical activity each should take and the special corrective exercises fitting to particular cases.

A medical examination by the College Physician is also required, in the first semester of each year, of all men enrolled in the College for the first time. In this examination special attention is given to the eyes, ears, heart, and lungs. The results of these examinations are recorded and with suggestions are turned over to the Physical Education Department for reference in assigning corrective exercises for the individual.

Four lectures each semester on subjects dealing directly with the preservation of health will be given by the College Physician. Attendance upon these lectures is required for credit in the Physical Education Department.

Students have free medical consultation at hours appointed by the Physician.

A special teachers' course is offered in this department to those desiring to enter the field of Physical Education as athletic directors or coaches.

LOWER DIVISION COURSES

1a-2a. General Gymnastics, or THE STAFF

1b-2b. Intra-Mural or Varsity Sports.

Required of freshmen.

2 hours, throughout the year. (1 unit)

3a-4a.—General Gymnastics, or THE STAFF

3b-4b. Intra-Mural or Varsity Sports.

Required of sophomores.

2 hours, throughout the year. (1 unit)

5-6. Active Participation in Athletics. COACHING STAFF

Open to advanced undergraduates and graduate students.

2 years. (2 units)

8. Personal Hygiene and First Aid. ANDERSON

2 hours, second semester. (2 units)

UPPER DIVISION COURSES

Taken in conjunction with the required physical education courses for freshmen and sophomores and the lower division prerequisites as outlined above, the following courses, with the addition of Zoology 7, Hygiene 104, and Education 119 and 130, constitute a teachers' course in directing and coaching athletics. Students who complete this course are eligible to apply for special state credentials for teaching this subject in the high schools. Those who desire to elect the course should consult the department.

- 101. History and Development of Physical Education.** PIPAL
Open to both men and women. Given in alternate years.
2 hours, second semester. (2 units)
- 103. Theory of Teaching and Leadership.** DAUGHERTY
Given in alternate years.
2 hours, first semester. (2 units)
- 105. Applied Methods in Formal Activities.** HODGDON
3 hours, second semester.
- 106. Administration of Physical Education Program in Secondary Schools.** DAUGHERTY
Given in alternate years.
2 hours, second semester. (2 units)
- 108. Physiology of Exercise.** PIPAL
Given in alternate years. Offered 1926-27.
Prerequisite: Zoology 8 and 8L.
2 hours, second semester. (2 units)
- 109. Kinesiology and Applied Anatomy.** HODGDON
Prerequisite: Zoology 7 or 107.
2 hours, first semester.
- 115-116. Methods in Play Activities.** PIPAL
Technique of coaching and system of organization of athletics. Open to men majoring in this department.
2 hours, throughout the year. (4 units)
- 127. Practice Teaching.** PIPAL
No credit toward graduation.
5 hours, either semester.
- 129. Methods in Corrective Gymnastics.** DAUGHERTY
Given in alternate years. Offered 1926-27.
2 hours, first semester.
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PHYSICAL EDUCATION FOR WOMEN

ASSOCIATE PROFESSOR HODGDON

MISS STEARNS

Major: A minimum of twenty-one units in the upper division, including courses 102, 103, 104, 105, 106, 109, and Hygiene 110 and 142.

Minor: Nine or more units in the upper division.

Prerequisite to the major or minor: Courses 1, 2, 3, 4, 5, 9, 10, and Zoology 1-2, 1L-2L, 7, 8, 8L, and Hygiene 2, and 3. Hygiene 142 and 110 are credited in this department.

It is the aim of this department to correct physical defects, to encourage equal development of mind and body by promoting vigorous health, to develop leaders in club and church recreation and in playground, and to train physical directors for educational institutions.

A physical examination is given each student at the beginning of each year.

All applicants for the State Special Credential in Physical Education should consult the department. Courses required for the Credential in addition to those for a major include course 128 and Psychology 2, Education 114, 119, and 130 and if possible course 101, 108 and 129.

A fee of three dollars is required for enrollment in any of the courses numbered 1 to 8.

LOWER DIVISION COURSES

1-2. Gymnastics.

HODGDON

Required of freshmen. Section 1, regular; Section 2, corrective.

2 hours, throughout the year. (1 unit)

3-4. Gymnastics.

HODGDON

Required of sophomores. Section 1, regular; Section 2, corrective.

2 hours, throughout the year. (1 unit)

5. Sports.

STEARNS

5a. Basketball, Hockey, Baseball.

5b. Tennis.

5c. Swimming.

2 hours, throughout the year. (1 unit)

7-8. Interpretive Dancing.

HODGDON

2 hours, throughout the year. (2 units)

9. Play Activities.

STEARNS

Methods of organizing and conducting social and recreational activities in churches, clubs, and school playgrounds.

2 hours, first semester. (2 units)

10. Rhythmical Activities.

STEARNS

Methods of teaching singing games, story plays, and folk dances.

3 hours, second semester. (3 units)

UPPER DIVISION COURSES

- 101. History and Development of Physical Education.** PIPAL
Given in alternate years. Not given in 1926-27.
2 hours, second semester.
- 102. Principles of Adaptation of Activities.** HODGDON
The methods underlying the selection and adaptation of physical activity for varying ages and groups.
2 hours, first semester.
- 103. Theory of Teaching and Leadership.** HODGDON
2 hours, second semester.
- 104. Applied Methods in Athletic Activities.** STEARNS
Methods of coaching and organizing athletics.
3 hours, first semester.
- 105. Applied Methods in Formal Activities.** HODGDON
Methods of conducting postural instruction, marching and gymnastics, and special corrective exercises.
3 hours, second semester.
- 106. Administration of Physical Education Department.** HODGDON
2 hours, second semester.
- 108. Physiology of Exercise.** PIPAL
The effect of exercise on the various organic activities of the human body. Given in alternate years. Given 1926-27.
Prerequisite: Zoology 8 and 8L.
2 hours, first semester.
- 109. Kinesiology and Applied Anatomy.** HODGDON
A study of the joint and muscle mechanisms involved in ordinary physical activity.
Prerequisite: Zoology 7 or 107.
2 hours, first semester.
- 128. Practice Teaching.** HODGDON
No credit toward graduation. Open to seniors.
5 hours, either semester.
- 129. Methods in Corrective Gymnastics.** DAUGHERTY
Given in alternate years. Given 1926-27.

PHYSICS

PROFESSOR SHEDD

ASSISTANT PROFESSOR MORSE

Major: Eighteen units in the upper division.**Minor:** Nine units in the upper division.

Prerequisite to the major or minor: Courses 1-2, 1L-2L, 5-6, 5L-6L; Differential and Integral Calculus. Recommended: A reading knowledge of French and German.

LOWER DIVISION COURSES

1-2. General Physics.

For Science requirement, must be accompanied by course 1L-2L.

Prerequisite: Trigonometry, completed or in progress.
3 hours, throughout the year. (6 units)

1L-2L. General Physics Laboratory.

Completion each semester of 15 experiments selected to meet the needs and purpose of the student. To accompany course 1-2.

1 laboratory period, throughout the year. (2 units)

5-6. Problems Course.

Prerequisite: Course 1-2, completed or in progress, and facility with the slide rule.
2 hours, throughout the year. (4 units)

5L-6L. Problems Laboratory.

Laboratory to accompany course 5-6.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

Upper division work is based upon a prerequisite of Physics 1-2 and 1L-2L. Mathematics 121-121L is advised in progress or completed.

121-122. Theory of Electricity and Magnetism.

First semester, direct current work; second semester, alternating current work. Recitations, problems, and reports on special assignments.

3 hours, throughout the year. (6 units)

121L-122L. Electricity, Magnetism Laboratory.

1 or 2 laboratory periods, throughout the year. (2 or 4 units)

123-124. Theory of Mechanics.

Prerequisite: Calculus, completed or in progress.
3 hours, throughout the year. (6 units)

125. Theory of Light.

The fundamental principles of mirrors, prisms, and lenses, optical instruments and theories of light.

2 hours.

125L. Light Laboratory.

To accompany course 125.

1 or 2 laboratory periods. (1 or 2 units)

127. Theory of Waves and Wave Motion.

Begins with the consideration of the theorems of acoustics and continues with a study of waves used in radio communication. Open to seniors and graduate students.

Prerequisite: Courses 121-122.

2 hours, one semester.

127L. Waves and Wave Motion Laboratory.

To accompany course 127.

1 or 2 laboratory periods, one semester. (1 or 2 units)

128. Theory of Heat.

The determination of heat constants. Elements of thermodynamics.

2 hours.

128L. Heat Laboratory.

To accompany course 128.

1 or 2 laboratory periods. (1 or 2 units)

131. Least Squares and Probabilities.

MORSE

Prerequisite: Mathematics 121 and 122.

2 hours, first semester.

132. Precision of Measurements.

MORSE

Requires a knowledge of differential and integral calculus.

2 hours, second semester.

133-134. Seminar.

1 hour, throughout the year.

135-136. Introduction to Modern Theories of Physics.

Open to seniors and graduate students.

3 hours, throughout the year. (6 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

POLITICAL SCIENCE

PROFESSOR BIRD

ASSISTANT PROFESSOR BONELLI

Major: A minimum of twenty-one units in the upper division, including courses 207 and 208. Certain related courses in Economics, History, and Philosophy may be credited toward the major.

Minor: Nine units in the upper division.

Prerequisite to the major or minor: Political Science 1-2 or the equivalent, and six additional units in the Social Sciences. Psychology 2 is strongly advised. All students majoring in the department, especially those who expect to pursue graduate work, should equip themselves with a reading knowledge of Latin, French, or German.

LOWER DIVISION COURSES**1-2. Principles of Government.**

BIRD and BONELLI

An introductory course in governmental theories and problems. Special emphasis given to American government and problems of citizenship. The course meets the requirement for graduation, as prescribed by act of legislature, regarding American Institutions.

3 hours, throughout the year. (6 units)

11. Elementary Jurisprudence.

BONELLI

A non-technical study of the general principles underlying all municipal and international law.

3 hours, first semester.

12. Business Law.

BONELLI

A course dealing with those principles of law which are of value to the business man, including Contracts, Agency, Partnership, Corporations, Negotiable Paper, and Sales.

3 hours, second semester.

UPPER DIVISION COURSES

Twelve units in the social sciences, together with junior standing, are prerequisite to all upper division courses in this department.

101. American Political Institutions.

BONELLI

A general historical and interpretative study of the principles, framework, and functioning of our national government as outlined by the Constitution. Designed to meet the requirements of an act of the Legislature requiring the course of all candidates for a degree or Teacher's Credential.

3 hours, either semester (2 hours in Extension).

102. State and Local Government in the United States.

BONELLI

The problem of federalism, principles of state constitutions, the political system of the states, organization and functions of state, county, town, and municipal government; state and local administrative problems.

3 hours, second semester.

103. International Relations.

BIRD

A study of the problems of nationalism, imperialism, diplomacy, and international organization.

3 hours, first semester.

104. American Diplomacy.

BIRD

The history, principles, and conduct of American foreign relations.

3 hours, second semester.

111. Governments and Politics in Europe.

BIRD

A comparative study of the chief governments of Europe, with especial attention to the present trend of European politics. Given in alternate years. Not given in 1926-27.

2 hours, first semester.

112. The New European Constitutions.

BIRD

Analysis of the fundamental laws of European states adopted since the World War, and consideration of recent developments in political and social democracy. Given in alternate years. Not given in 1926-27.

2 hours, second semester.

113-114. Contemporary World Politics.

BIRD

Each year a limited number of current political problems of international importance is selected for intensive study. A fee of two dollars is charged each semester to cover the cost of periodicals and scientific journals used as a basis for the work.

Additional prerequisite: Completion of twelve units of upper division work in the social sciences.

2 hours, throughout the year. (4 units)

115-116. International Law.

BIRD

General principles of public international law as developed by treaty agreement, common usage, and diplomatic practise. Given in alternate years. Given in 1926-27.

2 hours, throughout the year only. (4 units)

117-118. Constitutional Law.

BONELLI

A study of the Constitution of the United States as expanded by judicial interpretation. Given in alternate years. Not given in 1926-27.

2 hours, throughout the year only. (4 units)

119. Admiralty Law.

BONELLI

A course offering specific preparation for those who wish to enter the diplomatic or consular service, and of general value to those planning to enter the field of foreign trade.

2 hours, first semester.

123. Municipal Administration.

BONELLI

A practical study of city problems with special reference to traffic regulation, zoning ordinances, annexations, building regulations, housing conditions, parks and playgrounds, and general problems of city growth. Given in alternate years. Given in 1926-27.

2 hours, first semester.

124. Municipal Administration.

BONELLI

A study of political, administrative, and financial problems of public ownership and regulation of utilities and services, including water, gas, electricity, and transportation. Given in alternate years. Given in 1926-27.

2 hours, second semester.

129. Public Finance.

BONELLI

A study of budgetary science, principles of taxation, public credit, public expenditures, and finance administration. Attention is given to financial problems of reconstruction following the World War.

2 hours, first semester.

GRADUATE COURSES

With the approval of the instructor in charge, the following courses are open to undergraduates with advanced standing. With sufficient additional work, courses numbered from 115 to 129 may be taken for graduate credit.

201. Teachers' Course.

See Education 201.

2 hours, first semester.

207. History of Political Thought.

BIRD

A critical study of selected writings of ancient and mediaeval times.

2 hours, first semester.

208. History of Political Thought.

BIRD

A study of modern developments and tendencies in political theory.

2 hours, second semester.

211-212. Seminar in American Government.

BONELLI

In 1926-27 an intensive study will be made of certain administrative problems of the municipalities in Los Angeles County. Admission by special arrangement with the instructor.

1 or 2 hours, throughout the year. (2 or 4 units)

213-214. Seminar in World Politics.

BIRD

Investigation of selected topics in international relations and comparative government. Admission by special arrangement with the instructor.

1 or 2 hours, throughout the year. (2 or 4 units)

220. Thesis for the Master of Arts Degree.

Not to exceed four units.

RELIGION

PROFESSOR BALLARD

PROFESSOR ERDMAN

PROFESSOR CARRUTHERS*

Members of Other Departments

A two-unit course must be taken in this department each year spent at Occidental. Freshmen will elect from courses 21, 22, 23-24. Sophomores may elect any lower division course (except 23-24,—which see), with the added choice of certain upper division courses, as indicated, but with lower division credit.

Major: Twenty-one units in the upper division. Upper division courses must include 115, 122, and 130.

Minor: Nine units in the upper division.

Prerequisite to the major or minor: Twelve units in the lower division. These courses must include at least 21, 22, 23-24; the remaining six units may be elected from other courses in the department or from Philosophy 11-12, Psychology 2, Greek 11, 12, History 1-2, Political Science 1-2, Sociology 1-2, Zoology 1-2. Certain courses in other departments, not in excess of six units, may, upon approval of the Department of Religion, be credited toward a major. Among such courses are the following: Philosophy 101, 102, 103, 105, 106; Psychology 124; Sociology 151, 152, 158; Speech Education 150, 162.

LOWER DIVISION COURSES

1. Life of Jesus.

ERDMAN

The historical background; chronology and harmony of the four gospel accounts; teaching methods and most important teachings of Jesus.

2 hours, first semester.

2. Life and Letters of Paul.

ERDMAN

A comprehensive study of the life and teachings of Paul, as recorded in the Acts and the Pauline Epistles; his character and his message.

2 hours, second semester.

3. Old Testament History.

ERDMAN

A survey of the more important events and characters from Genesis through Second Kings.

2 hours, second semester.

21. Significance of the Old Testament.

BALLARD

A general introduction to Old Testament literature; its content, its full historical setting, the development of its outstanding ideas, and its permanent value for ethics and religious thought.

2 hours, first semester.

* Extension Professor of Religious Education.

22. Introduction to the New Testament.

BALLARD

The relation of the New Testament to the Old, with the history of the intervening period; world conditions in the days of Jesus; the significance of Jesus' life and teachings; the place of Paul and other New Testament writers in early Christian history and thought.

2 hours, second semester.

23-24. The Bible as a Book.

BALLARD

With special reference to the origin of its various parts and their formation into a canon; its place in literature and history; the unfolding of its great teachings; the theories of its inspiration; the difference in structure and purpose between its various types of writings, and the different methods of interpreting them. Primarily for freshmen; open only to sophomores who plan to major in Religion.

1 hour, throughout the year.

UPPER DIVISION COURSES

102. The Teachings of Jesus.

BALLARD

The great ideas and messages of Jesus studied in comparison with the ideas current in Jesus' day and nation and applied to the life of the present. Open to sophomores by permission.

2 hours, second semester.

104. Archeology and the Bible.

CARRUTHERS

1 hour, throughout the year.

107-108. Biblical Interpretation.

ALLISON

The interpretation of selected portions of the Bible, with special attention to biographical studies.

2 hours, throughout the year.

Either semester may be taken separately.

109. Wisdom Literature of the Old Testament.

ERDMAN

An intensive study of Job, Ecclesiastes and Proverbs, and a brief study of Ecclesiasticus and the Wisdom of Solomon. Open to sophomores by permission.

2 hours, first semester.

110. Christianity and Social Problems.

DAY

The social origins of Christianity and the social teachings of Jesus. A direct application of Christian social principles will be made to the problems of the family and to the economic, social, industrial and political life of modern society.

2 hours, second semester.

115. History of Christianity.

BALLARD

An outline of the chief developments in Christian thought studied in relation to the history of the church and the personality of the great Christian leaders and teachers. Required for major.

2 hours, first semester.

118. The Prophets.

The historical situations out of which the prophets arose and their messages for those situations, together with the applicability of these messages to the modern world.

2 hours, second semester.

122. The Psychology of Religion.

BALLARD

The mental factors and processes involved both in the origin and in the various forms of religious belief and practice. Required for major.

Prerequisite: Psychology 2 or satisfactory equivalent.

2 hours, first semester.

128. Religion and Modern Thought.

WIEMAN

3 hours, one semester.

129. The Great Christian Ideas.

BALLARD

Such fundamental Christian teachings as God, Immortality, Freedom, Revelation, Providence and the Historic Jesus considered in the light of modern science and philosophy.

2 hours, second semester.

130. Introduction to Religious Education.

CARRUTHERS

Including introduction also to social service in the church. Required for major.

2 hours, second semester.

131. Methods and Materials of Religious Education.

CARRUTHERS

How to build a program of church school service.

2 hours, second semester.

133-134. Seminar in Religious Education.

CARRUTHERS

Various selected vocational projects in religious education.

2 to 4 hours, either semester.

135. Organization and Administration of the Church School.

CARRUTHERS

How to organize, manage and conduct a church school.

2 hours, first semester.

136. Worship in the Church School.

CARRUTHERS

The use of drama, music, art and scriptural materials in worship programs for children, youth and adults.

2 hours, first semester.

SPANISH

PROFESSOR ALLISON

PROFESSOR BELL

PROFESSOR LOWTHER

ASSOCIATE PROFESSOR NIVON

ASSISTANT PROFESSOR WILEY

Major: A minimum of twenty-two units in the upper division, including courses 101-102, and 105-106 or 107-108. Four of these units may be taken in approved courses of related departments. The attention of majors is called to appropriate courses in Latin, French, German, and English, to History 109-110, 111-112, 113, and to Economics 102.

Minor: A minimum of nine units in the upper division. Majors and minors should familiarize themselves with the general regulations of major and minor subjects and with the requirements of the upper division (catalogue, Part V).

Prerequisite to major or minor, and to all upper division courses: Course 5-6 or 3-4 with recommended grade. Under certain conditions courses 105 to 112 inclusive may be counted as graduate credit.

In all upper division courses credit will be given for the work of either semester.

SPANISH CLUB: Students wishing practice in Spanish conversation are urged to identify themselves with the activities of the Spanish Club, which holds monthly meetings of a literary and social nature.

LOWER DIVISION COURSES

1-2. Elementary Spanish.

THE STAFF

Pronunciation, essentials of grammar, reading of simple Spanish, writing, idioms, conversation. Credit not given for 1 unless followed by 2.

5 hours, throughout the year. (10 units)

3-4. Intermediate Spanish, First Course.

THE STAFF

Readings from modern Spanish novelists, dramatists, and poets. Grammar review, composition, conversation, collateral reading. Credit not given for 3 unless followed by 4. Students receiving a recommended grade in 3-4 may proceed immediately to the upper division.

Prerequisite: Course 1-2, or two years of high school Spanish.

3 hours, throughout the year. (6 units)

5-6. Intermediate Spanish, Second Course.

NIVON

For students with four years of entrance credit and for those failing of a recommended grade in 3-4. In content this course continues the work of 3-4. At the discretion of the instructor credit may be given for a single semester's work.

Prerequisite: Course 3-4 or four years of high school Spanish.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Prerequisite to upper division: Course 5-6 or 3-4 with recommended grade, and for courses above 102 the ability to understand spoken Spanish. It is advised that course 103-104 precede courses 105 to 114 inclusive. In all upper division courses credit will be given for the work of either semester.

101-102. Advanced Composition and Conversation. ALLISON

Intensive exercises in oral and written Spanish, critical study of syntax, reports and discussions on periodicals, journals, newspapers, and on collateral reading. This course aims to give a mastery of spoken Spanish. Required of majors and a prerequisite of course 201.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

103-104. Survey of Spanish Literature. WILEY

An outline of Spanish literature from the beginning to the present, with emphasis upon important authors and with reading of representative masterpieces. Collateral reading and reports. At the discretion of the instructor may be counted toward major by properly qualified sophomores. It is advised that this course precede courses 105 to 114 inclusive.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

105-106. Spanish Drama of the Golden Age.

The rise of the drama in Spain, with study of the chief dramatists of the Siglo de Oro, especially Lope de Vega, Tirso de Molina, Alarcón, and Calderón, and their influence on foreign dramatists. Collateral reading and reports. This course alternates with 107-108. Not given in 1926-27.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

107-108. Spanish Prose of the Golden Age.

Types of the novel in the sixteenth and seventeenth centuries, with special attention to the picaresque novel and to Cervantes. Historians and explorers. Collateral reading and reports. This course alternates with 105-106. Given in 1926-27.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

109-110. Modern Spanish Drama. NIVON

The development of the drama in Spain from the neo-classic period to the present, with some attention to lyric poetry. Collateral reading and reports. This course alternates with 111-112. Given in 1926-27.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

111-112. Modern Spanish Non-Dramatic Literature.

The novel, short story, essay, and literary criticism during the nineteenth century; the "Generation of 98" and contemporary authors. This course alternates with 109-110. Not given in 1926-27.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

113-114. Survey of Spanish-American Literature. ALLISON

The history of literature in Spanish-America, with a study of representative works. The development of national literature, with special attention to the modernista movement; the literary relations of Spanish-American countries with Europe and North America.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

125. Spanish Pronunciation. WILEY

A study of phonetics based upon the work of Navarro Tomás, with some attention to Spanish-American pronunciation. Required of candidates for high school credentials offering Spanish as major or minor.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, second semester.

GRADUATE COURSES

201. Teachers' Course. LOWTHER

A survey of methods, study of text-books, pedagogical bibliography, the Spanish course in secondary schools. Required of candidates for high school credentials offering Spanish as a major. Not credited toward the degree of Master of Arts.

See Education 201.

Prerequisite: Courses 101-102 and 125.
2 hours, second semester.

211-212. Seminar.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

SPEECH EDUCATION

PROFESSOR LINDSLEY

MISS TURNER, *Instructor*

Major: For graduation, twenty-one units in the upper division. The upper division courses are divided into two groups: 100-150, the principles of logical discourse; and 150-200, oral interpretation and dramatic art. Major students should do work in practical speech making, oral interpretation and dramatics. A definite amount of work is required in actual platform presentation, either in debate or dramatics.

Minor: For graduation, nine units in the upper division, divided between the two groups.

LOWER DIVISION COURSES

1. The Fundamentals of Speech.

Voice and English diction. The voice and body as agents of expression applied in oral discourse; breath control, voice placement, resonance, vowelization, grouping, emphasis.

Prerequisite to all courses in the department.
3 hours, either semester.

2. Public Speaking.

The selection, arrangement, and extempore presentation of original speech materials. The general ends of speech, outlining, the principles of attention.

Prerequisite: Course 1.
3 hours, either semester.

3. Oral Reading.

The elementary principles of oral interpretation; the assimilation and expression of thought and feeling.

Prerequisite to upper division courses in interpretation.
Prerequisite: Course 1.
3 hours, second semester.

20. English Words.

Vocabulary building. Synonyms, antonyms, and prepositions.

No prerequisite.
2 hours, second semester.

22. Parliamentary Law.

Drill in the principles and practice of parliamentary procedure.

No prerequisite.
1 hour, first semester.

40. The Use of the Library.

This course is designed to help students to make more effective use of library materials. Based on practical exercises in the use of important library tools.

No prerequisite.

1 hour, first semester.

50. Voice and Speech Correction.

A special laboratory period that may be required of all students who present speech problems that impede their progress in the regular courses. Individual diagnosis and treatment. Designed also for foreign students.

No credit.

UPPER DIVISION COURSES**100. Advanced Public Speaking.**

The principles of unity, sequence, emphasis, and movement applied in oral discourse. Audience adaptation; the principles of attention. Emphasis on wide reading and a comprehensive synthesis of materials.

Prerequisite: Courses 1 and 2.

2 hours, first semester.

106. The Forms of Public Address.

A study of the special occasion. Speeches of introduction, presentation, response; dedication, anniversary, and memorial addresses; the eulogy; the after dinner speech.

Prerequisite: Courses 1 and 2.

2 hours, second semester.

110. The Rhetoric of Oratory.

Building the oration. The principles of style in oral discourse. Study and analysis of oratorical models from Beecher, Curtis, Grady, Phillips, and Lincoln.

Prerequisite: Course 100.

2 hours, second semester.

120. Argumentation and Debate.

An intensive course in the theory and practice of argumentation and debate. Phrasing propositions, analysis, briefing, evidence, reasoning. Practice debates.

Prerequisite: Courses 1 and 2.

3 hours, first semester.

122. The Psychology of Persuasion.

A study of the nature of response. Advanced study of the acting nature of special audience types; analysis and study of the psychological forces that affect human conduct; how to arouse interest, hold attention, and win response.

Prerequisite: 120.

3 hours, second semester.

130. Intercollegiate Debate.

A special course in platform debate for intercollegiate debaters. Sections for men and women.

1 to 3 hours.

150. The Oral Interpretation of Literature.

A study of the physical and intellectual basis of expression. The interpretation of the literary forms: lyric and narrative poetry, the essay, the drama.

Prerequisite: Permission of instructor.

2 hours, first semester.

156. Dramatic Reading.

The study, analysis, interpretation and class room presentation of scenes from modern plays. For advanced students.

Prerequisite: 1 and 3, and 150.

2 hours, second semester.

160. The Interpretation of Shakespeare.

A special course in the oral interpretation and appreciation of literature, limited to the study of three Shakespearean plays.

Prerequisite: 150.

2 hours, second semester.

162. The Reading of the Bible.

Prerequisite: 150.

1 hour, second semester.

164. Greek Tragedy.

The study, analysis, and interpretation of Greek tragedy roles. The work of this course is designed especially for students who may participate in the annual Greek play.

Prerequisite: 156, 160.

2 hours, second semester.

171-172. Play Production.

A study of the educational possibilities of amateur dramatics. Intended for those who are interested in the producing of plays. Principles of dramatic interpretation and characterization. Problems of staging and directing. The principles of dramatic evaluation. Study of the aim and development of present-day theatre movements.

Prerequisite: 156.

3 hours, throughout the year.

201. Teachers' Course.

Aims and methods in Speech Education. For prospective teachers. Lectures, demonstrations, outlined programs, individual practice.

2 hours, second semester.

ZOOLOGY

PROFESSOR ESTERLY

DOCTOR COMSTOCK

ASSISTANT PROFESSOR SELLE

MR. WHEELER

Major: Twenty-one units in the upper division.**Minor:** Nine units in the upper division, including 101L.

LOWER DIVISION COURSES

1-2. Principles of Zoology.

ESTERLY

Lectures and quizzes. A survey of the animal kingdom; classification; structures, habits, mode of life of various groups; heredity, genetics, eugenics; evolution; animal behavior. Students in the College-Hospital Course must take both 1-2 and 1L-2L in the freshman year. Open to all freshmen.

3 hours, throughout the year. (6 units)

1L-2L. General Zoology Laboratory.

SELLE, WHEELER

A number of invertebrate types are studied, as well as the shark and salamander among vertebrates.

Prerequisite: Course 1-2, completed or in progress.

2 laboratory periods weekly, throughout the year. (4 units)

7. Human Anatomy.

COMSTOCK

An outline of the structure of the human body; lectures, quizzes, demonstrations by charts, models, preparations.

Prerequisite: Courses 1-2, 1L-2L.

2 hours, second semester. (2 units)

8. Human Physiology.

SELLE

Text-books, lectures, outside reading.

Prerequisite: Course 1, completed.

3 hours, second semester. (3 units)

8L. Physiology Laboratory.

SELLE

Prerequisite: High school Chemistry or equivalent, course 8, completed or in progress.

2 laboratory periods weekly, second semester. (2 units)

UPPER DIVISION COURSES

101. Comparative Anatomy of Vertebrates.

ESTERLY

Text-book, quizzes, demonstrations, term paper.

Prerequisite: Courses 1-2 and 1L-2L. (2 units)

101L. Mammalian Anatomy.

ESTERLY

A laboratory course dealing with structure of the cat

Prerequisite: Courses 1-2 and 1L-2L.

6 hours in the laboratory first semester. (2 units)

103L. Osteology of Vertebrates.

ESTERLY

A laboratory course in which the skeleton of vertebrates is studied.

Prerequisite: Courses 1-2 and 1L-2L; 101 in progress; required of those taking course 101.

3 hours in the laboratory weekly, first semester. (1 unit)

102. Histology.

ESTERLY

Microscopic anatomy of the higher vertebrates. Text-book, collateral reading, and reports. Given alternately with course 104. Given in 1926-27.

Prerequisite: Courses 1-2 and 1L-2L, and Junior standing.

2 hours, second semester. (2 units)

102L. Histology Laboratory.

ESTERLY

Study of preparations of various tissues of higher vertebrates; training in preparing microscopic slides by different methods. Given in the same year as course 102.

Prerequisite: Course 102, completed or in progress.

6 hours in the laboratory weekly. (2 units)

104. Vertebrate Embryology.

ESTERLY

The development of the body. Text-book, models, collateral reading. Given in alternate years with course 102. Not given in 1926-27.

Prerequisite: Courses 1-2 and 1L-2L, and Junior standing.

2 hours, second semester. (2 units)

104L. Embryology Laboratory.

ESTERLY

Study of development of chick and pig; preparation of microscopic slides, including whole mounts and serial sections. Given in the same year as course 104.

Prerequisite: Course 104, completed or in progress.

6 hours in the laboratory weekly. (2 units)

105. Cytology.

SELLE

The structure and activities of cells. Given in alternate years. Not given in 1926-27.

Prerequisite: Courses 1-2, 1L-2L, and at least Junior standing.

2 hours, first semester. (2 units)

106. Medical Zoology.

SELLE

Structure, life cycles, habits of parasites of higher animals; relation to diseases. Text-book and demonstrations. Given in alternate years. Given in 1926-27.

Prerequisite: Courses 1-2, 1L-2L, and at least Junior standing.

2 hours, second semester. (2 units)

106L. Parasitology Laboratory.

SELLE

Study of structure of parasites of higher animals, including man; preparation of microscopic slides. Given in same year as course 106.

Prerequisite: Courses 1-2, 1L-2L, 106, completed or in progress; Junior standing.

3 or 6 hours in the laboratory weekly. (1 or 2 units)

107. Economic Vertebrates of California.

SELLE

Study of relation of vertebrates to welfare of man. Lectures and assigned reading. Given in alternate years. Given in 1926-27.

Prerequisite: Courses 1-2, 1L-2L; Junior standing.

2 hours, first semester. (2 units)

110. Undergraduate Seminar.

SELLE

Required for major and minor.

Prerequisite: Courses 1-2, 1L-2L; Junior standing.

2 hours, second semester. (1 unit)

121L. Advanced Laboratory.

ESTERLY, SELLE

The student works independently on a chosen topic, and the results are embodied in a paper at the end of the course. Open to seniors and graduate students.

Prerequisite: At least 6 units of upper division work.

3 or more hours in the laboratory weekly, first semester. (1 unit for each 3 hours)

201. Teachers' Course.

SELLE

Given in alternate years. Not given in 1926-27.

See Education 201.

2 hours, first semester. (2 units)

Part XI

FEES AND EXPENSES SCHOLARSHIPS AND PRIZES

STUDENT EXPENSES

The tuition charge to the student is about one-third the cost to the College. The balance is met by the income from endowment fund and by gifts from trustees, alumni and other friends of the College. The College invites gifts of scholarship and loan funds to be administered for the benefit of worthy students. A description of such funds already created will be found under the appropriate heading.

REGULATIONS

All bills are payable by the semester in advance. No tuition bills are made for less than a semester, and no payments are refunded except in cases of sickness necessitating an absence of a half semester or more, in which case half tuition only will be refunded. No payments will be refunded for students who are dismissed or suspended or who leave College for any reason other than illness. No student will be granted a diploma, or transcript of record to another institution, until all college bills, and any other forms of indebtedness, have been paid in full. No extension of credit will be granted to a student without the written consent of his parent or guardian.

Students are held responsible for damage to College property.

TUITION, FEES, AND DEPOSITS

The following table indicates the regular College charges

EACH SEMESTER:

TUITION, undergraduate, including registration and library fees and privileges of athletic and recreational facilities.....	\$125.00
TUITION, graduate school.....	100.00
STUDENT ACTIVITY FEE (collected for the Associated Students; entitles student to (1) admission to all athletic, debating, and oratorical contests under conditions prescribed by the Executive Committee of the Student Body; (2) subscription to " <i>The Occidental</i> "; (3) one copy of the College Annual; (4) all privileges of class membership; (5) all privileges of membership in the Student Body....	10.00
ROOMS IN SWAN HALL—Residence Hall for Men:	
First Semester.....	75.00
Second Semester.....	55.00
(\$10.00 deposit upon application for room)	
ROOMS IN ORR HALL—Residence Hall for Women, range from \$100.00 to.....	75.00
(\$10.00 deposit upon application for room)	
MEDICAL FEE, for students living in Residence Halls	2.50
LABORATORY FEES—	
Per unit of credit, except in Chemistry.....	3.00
Chemistry—per unit of credit.....	5.00
Chemistry—breakage fee, the unexpended balance of which is returned.....	5.00
COURSE FEES—	
Physical Education for Women—Courses 1 to 8	3.00

The following table indicates the SPECIAL CHARGES:

TUITION DEPOSIT for all applicants for admission....	\$ 25.00
(\$15.00 refundable if application is withdrawn before September 1st)	
TUITION for graduate students registered for less than 12 units, per unit.....	8.00
TUITION for undergraduate students registered for less than 12 units, per unit.....	10.00
(Minimum charge \$50.00)	

EXTENSION COURSES, tuition per unit.....	6.00
LATE REGISTRATION FEE.....	3.00
CHANGE IN SCHEDULE FEE—beginning fourth day after registration.....	2.00
ENTRANCE EXAMINATIONS (each).....	2.00
EXAMINATIONS AT IRREGULAR TIMES.....	2.00
GRADUATION FEE—payable 30 days before gradua- tion.....	10.00
TRANSCRIPT OF CREDITS BEFORE GRADUATION (each)	2.00
GRADUATION FEE—Pre-technical courses.....	50.00
GRADUATE STUDENT FEE for student not in resi- dence, payable for semester in which thesis is presented.....	25.00

The Board of Trustees reserves the right to change, without notice, any of the rates printed in this catalogue.

AVERAGE EXPENSES

Information concerning living expenses in the residence halls and at the College Commons may be obtained in Part XII of this catalogue. Lodgings may also be obtained in private residences in the immediate vicinity of the College at prices ranging from \$4.50 per week upwards for a single room. A list of private boarding and rooming places may be obtained at the offices of the Dean of Women and the Dean of Men. The average expenses for a student in residence are approximately \$750.00 for the academic year. This amount is practically the same as that found in other institutions similarly situated.

SELF-SUPPORT

To assist and encourage both men and women students who must earn a part of their expenses while in college, organizations are maintained which undertake to discover and list opportunities of remunerative employment. Men students desiring employment should register with the Self-Help Committee of the Y. M. C. A.; women students should apply for information and advice at the office of the Dean of Women.

No responsibility can be assumed for supplying work, but plans can often be suggested through which students of initiative and industry may earn part of their expenses while in college. Only in rare instances can students be entirely self-supporting; nor should a student undertake to earn a larger part of his expenses than is absolutely necessary. A first-year student in particular will need time to adjust himself to college work, to systematize his time, and to discover opportunities of readiest casual work or to find regular employment which will not seriously interfere with his main object of securing an education. When the student has become oriented in his surroundings and his college work, he may, with due diligence, devote twelve to twenty-four hours per week to outside work and still carry a program of from twelve to fifteen units of studies. It should be borne in mind, however, that these in themselves involve thirty-six to forty-five hours per week.

A student who wishes to earn part of his expenses will do well, therefore, to enroll for a program rather lighter than the average; he should attempt to find employment prior to the opening of college; or, failing in this, should enter with a reserve fund sufficient to carry him through the first months. Due to the proximity of the campus to the city, opportunities for employment will not be lacking. Moreover, the schedule of classes often enables a student to order his time advantageously to outside work; for he may arrange his program of studies so that his afternoons are comparatively free, or that one or two days of the school week may be given over entirely to employment.

Self-supporting students are respected. Not a few of Occidental's graduates, including some of her most creditable representatives, earned a major portion of their expenses while in college. Self-maintaining students, whose scholarship is high, are given preference in awarding

scholarships; and statistics in general would show that students of initiative and industry in self-support hold scholarship records well above the average.

SCHOLARSHIPS

Scholarships are intended as aids to students of high merit, as proved by previous attainments, who are chiefly dependent upon their own efforts in securing a college education.

A limited number of College scholarships are annually available to advanced students of highest standing in their major subjects, who act as readers or assistants, or in other capacities which are of distinct educational advantage in their major departments. These scholarships range in value from one-half to full tuition. They are usually awarded on nomination from the department concerned. Students may make application for these scholarships to heads of departments or to the Dean.

Additional scholarships are awarded for the relief of deserving students who are unable to pay all of their tuition. The beneficiary is, in some instances, named by the donor; otherwise, by the Administration. A candidate for one of these scholarships must meet the following conditions:

1. Endorsement of application by persons of recognized standing in his home community.
2. Agreement to the understanding that he intends to complete his course at Occidental College.
3. Maintenance of creditable standing in his scholarship in the College and general demonstration that the assistance has been worthily bestowed.
4. Must be economical in his habits, and in behavior be in accord with the ideals of the College.

LIST OF SCHOLARSHIPS

THE HORACE CLELAND SCHOLARSHIP, established by the Alumni Association in honor of Rev. T. Horace Cleland of the Class of 1903, is awarded to a member of the Junior or Senior Class who seems best entitled to it on the basis of need, merit and scholarship record.

MARY CARRUTH CUNNINGHAM SCHOLARSHIP, established and maintained by the Occidental Women's Club, is annually awarded to some young woman of unusual ability and merit, usually a member of the Junior or Senior Class.

THE BIDWELL SCHOLARSHIP FUND, an endowment of twenty-two thousand dollars, administered by the Board of Christian Education of the Presbyterian Church, the income of which is annually available for scholarship help for worthy students.

THE PRIDHAM FUND, twenty-five thousand dollars given by Mr. R. W. Pridham of Los Angeles as a memorial of his deceased wife, the income of which is to provide scholarships for worthy students of limited means.

THE PEARL TIFFIN MEMORIAL FUND, thirty thousand dollars, partially subject to an annuity, was given by Dr. and Mrs. W. W. Tiffin in memory of their young daughter, the income to provide scholarship aid to young women, preferably who are preparing to enter the medical profession on the Foreign Mission Field.

THE ZECHARIAH DUNCAN MATHUSS SCHOLARSHIP, five thousand dollars given by Mrs. Z. D. Mathuss for scholarship aid to worthy and needy students.

THE ARTHUR NOBLE SCHOLARSHIP, thirty-five hundred dollars given by Mr. Arthur Noble to provide aid for a worthy student during his college course.

THE THEODORE C. KOETHEN SCHOLARSHIP, two thousand dollars given by Mr. and Mrs. Walter L. Koethen of Eagle Rock in honor of their son, a gold star man of Occidental

College of the Class of 1919. The fund is in trust with the First Presbyterian Church of Eagle Rock; the income of \$100.00 is available each year to a young man preparing for missionary work or to the son of a missionary.

THE BLEE SCHOLARSHIP FUND, two thousand dollars given by Mr. and Mrs. R. G. Blee of Santa Ana, the income of which is available for scholarships.

MARY ANDREW CLARK SCHOLARSHIP, fifty-two hundred dollars given by Mrs. J. M. Newell and Miss Anna B. Clark in honor of their mother, Mrs. Mary Andrew Clark, the income of which is available for scholarships.

MRS. L. SCHOONOVER SCHOLARSHIP, a fund of five hundred dollars given by Miss Mary Schoonover in memory of her mother, the income of which is to be used for aid to needy students.

WOMEN'S FEDERATED AID SOCIETY OF LOS ANGELES PRESBYTERY, Mrs. W. E. Reavis, Secretary, provides the tuition for a student nominated by the Society for the four year course.

THE GAMMA SORORITY SCHOLARSHIP, the sum of one hundred dollars given annually by the Gamma Sorority for a worthy woman student.

THE EDWIN FORREST BOYD SCHOLARSHIP, an endowment fund being created by Dr. Edwin Forrest Boyd of Los Angeles to furnish a scholarship for a worthy student.

THE CHURCH SCHOLARSHIPS; scholarships founded in the early days of the College by the following churches:

- (a) The First Presbyterian Church of Glendale;
- (b) The Immanuel Presbyterian Church of Los Angeles;
- (c) The First Presbyterian Church of Long Beach;
- (d) The First Presbyterian Church of Santa Monica;
- (e) The First Presbyterian Church of Santa Ana.

Each of these scholarships provides for the tuition of one worthy student per year.

THE DIMMICK SCHOLARSHIP, a fund of one thousand dollars, the income of which is available for scholarship aid.

THE FILES SCHOLARSHIP, a fund of one thousand dollars available for scholarship aid.

THE PARSONS SCHOLARSHIP, a fund of one thousand dollars to provide aid for a worthy student.

THE SHIPMAN SCHOLARSHIP, a fund of one thousand dollars available for scholarship aid.

OCCIDENTAL COLLEGE LOAN FUND, the sum of six thousand dollars given by Dr. Clarence J. Gamble for a perpetual loan fund, is available as supplemental aid to needy and worthy students of the Senior or Junior Class under terms of the fund.

PRIZES

PHI BETA KAPPA PRIZE. To stimulate a deeper interest in scholarship, the Phi Beta Kappa Alumni Association of Southern California offered for the years 1922-24 a prize of fifty dollars, awarded in books, for the best essay on the general topic of "Scholarship" written by a sophomore, junior, or senior in any of the standard colleges of Southern California.

In 1924-25, the prize was increased to one hundred dollars. In 1925-26 the first prize was one hundred dollars and the second prize thirty-five dollars.

RELIGIOUS EDUCATION PRIZES. One thousand dollars given by Professor C. Pardee Erdman as a memorial to his wife, Grace Carter Erdman. This furnishes three prizes for the best work done in the Department of Religious Education.

SPEECH EDUCATION PRIZES. The sum of eighty-five dollars given by Mr. J. S. Pashgian of Pasadena, divided into three prizes.

Part XII

RESIDENCE AND DINING HALLS



RESIDENCE HALL FOR MEN

James Swan Hall, the residence hall for men, is conveniently located facing the main quadrangle and overlooking the athletic field. It is a strictly fireproof building, heated by steam, lighted by electricity, and well supplied with shower rooms and sleeping porches. An attractively furnished reception room provides a center for the social activities of the men.

All freshmen men, unless living with their parents or legal guardians, are expected to live in Swan Hall. A Freshman Advisor, directly responsible to the Dean of Men, will be in residence to advise with the students in their various activities, and especially to develop intramural athletics and a wholesome social life.

Rooms are rented for the full college year at the rate of one hundred and thirty dollars, payable seventy-five dollars the first semester and fifty-five dollars the second semester. When a student is compelled to withdraw from college on account of illness, adjustment will be made on room rent on the same basis as on other college bills.

Applications for rooms are to be made through the office of the Dean of Men. A deposit of ten dollars, which is not refundable, is required before a reservation is complete. This deposit is retained as a breakage deposit, the balance of which will be returned after deducting each

student's pro rata share of any damage sustained by the building and equipment during the year.

The rooms are furnished with single beds, mattresses, chiffoniers, study desks and chairs. Students must provide pillows, blankets, sheets and white spreads three-quarter size, pillow cases, and towels. These should be distinctly marked with the student's whole name. The laundry of the bed linen will be paid for by the college. The college also provides housekeeping service, but the students are expected to co-operate in keeping the rooms in a tidy condition. No cooking utensils or heating apparatus of any kind are permitted in the rooms. Inspection will be made from time to time by the faculty health committee and by the Dean of Men. The right to occupy a room is given only to the student to whom the room is assigned and to his roommate. The college reserves the right to exclude from the building any student who proves himself undesirable.

Students who cannot be accommodated in Swan Hall are permitted to take lodgings elsewhere, but the places in which they room are in all cases subject to the approval of the Dean of Men.

RESIDENCES FOR WOMEN

Applications for rooms in the residence halls for women and all arrangements for living in other houses are to be made through the office of the Dean of Women.

All freshmen women, unless living with their parents or legal guardians, are required to live in Orr Hall, the first of the Bertha Harton Orr Residences for Women, which provides at present comfortably appointed facilities for sixty women. Under the present limitation of the freshman class there is also room in the Hall for several upper class women.

There are in the Hall single and double rooms, several suites of four rooms each, and rooms with sleeping porches. The single rooms vary in size. The charge for each individual is as follows: In the small single rooms one hundred and fifty dollars (\$150.00) for the college year; in the double rooms one hundred and seventy-five dollars (\$175.00); in the large single rooms, in the suites and rooms with sleeping porches two hundred dollars (\$200.00).

Students supply their own towels, sheets three-quarter size, pillows and pillow cases, 22 inches wide. These should be distinctly marked with whole name. The laundry of these articles, not to exceed ten pieces per week, will be paid for by the college.

Rooms will be rented for the college year only, but if a student is compelled to withdraw because of sickness an adjustment will be made on room rent on the same basis as on other college bills. No refund will be made if a student is dismissed because of being an undesirable resident. A deposit of ten dollars (\$10.00) should accompany an application for a room. It will secure a reservation and be retained as a breakage fund until the end of the college year, when deductions will be made for damages to building or furniture and the residue will be returned. Applications will take the date on which the fee is received. In September, 1926, Orr Hall will be open the Wednesday before the first meeting of the Freshman Class. It will be closed the second day after commencement and also during the Christmas and mid-year vacations.

Upper class women who cannot be accommodated in Orr Hall are provided for in a number of homes on the edge of the campus, each of which is presided over by a house-mother. The prices of these rooms range from twenty dollars (\$20.00) to thirty-two dollars (\$32.00) a room, fully

furnished. Unless a different arrangement has been made with the house-mother when the student enters college, it is understood that these rooms are taken for a semester.

Provision for board for students living in the residence halls is made in the College Commons.

THE COMMONS

The Commons dining hall, which is conducted under the supervision of the college, provides regular meals and *a la carte* service for members of the college community. Wholesome food is provided at prices lower than those prevailing in the usual commercial establishments. The management also employs student help wherever practicable, insuring a means of partial self-support to many students.

Certain social activities of the college and its community also find here a common center of interest. The various clubs within the student body and faculty, as well as those connected with the institution at large, such as the Occidental Women's Club and Alumni Association, hold frequent dinners and social meetings in the rooms provided for these purposes.

Part XIII

GENERAL REGULATIONS



STUDENT CONDUCT AND DISCIPLINE

Students are admitted to the College on recommendation as to their moral fitness, and are expected to set and observe among themselves a proper standard of conduct, both within and without the College. Any student who violates the codes of common morality, honor, or good citizenship, or who refuses to abide by the regulations of the College, will be judged in the light of circumstances and given such penalty as the case may merit, ranging from admonition to expulsion. The College also reserves the right, without naming specific charges, to exclude from its privileges any student whose presence, in the judgment of the faculty and administrative officers, has proved to be undesirable.

THE HONOR SYSTEM

THE HONOR SYSTEM in work and examinations has been voluntarily adopted by the students of Occidental, and a system of student self-government exercises certain functions within the student body. An Honor Court composed of the President of the student body and six other upper-class students, undertakes, with the co-operation of the College authorities, to maintain the spirit of honor and the good name of the College. To this Court the President of the College may refer cases of student delinquency, especially those of dishonesty in work and examinations; or any student or instructor may bring such cases to the notice of

the Court. The findings of the Court and its recommendations to the President of the College and the Committee on Student Conduct and Scholarship are ordinarily confirmed and voted as College judgments.

SOCIAL LIFE

The regulations governing the social life of the College are the result of faculty and student co-operation. Their object is to ensure comfort and safety and good citizenship in the College community.

Women students in residence are under the direct supervision of a Committee on Residence made up of faculty and student members.

COMMITTEE ON RESIDENCE: Mrs. Julia A. Pipal, Chairman; representatives from the organized and the unorganized groups of women; Mrs. Mae G. Foster, Head Resident of Orr Hall; Dean Irene T. Myers, *ex-officio*.

RELIGIOUS PRIVILEGES

The purpose of Occidental College is to fit young men and women for life in its largest sense, under distinctively Christian influences. Various religious privileges, in addition to the formal chapel exercises of the College, contribute to the atmosphere of Christian culture surrounding the student.

The Y. M. C. A. and the Y. W. C. A. are both represented by strong organizations, active and effective in student life. Their weekly meetings are addressed by influential speakers; definite work is carried on by both in social service; voluntary Bible and mission-study classes are maintained during the year. Both organizations assist new students in entering the social life of the College; each year they publish the *Handbook*, an official guide to Occidental traditions; each renders an important service

through Self-Help Bureaus, conducted for the benefit of those who seek to earn a part of their expenses during the college year. Both societies are supported by a large majority of the members of the student body.

The Student Volunteer Band, a particularly strong organization, is a constant stimulus to the religious life of the College. Largely through its influence Occidental now has a representation of more than fifty men and women on foreign mission fields.

Churches in the vicinity of the College give special attention to student constituency, while the larger churches of the city offer religious privileges of exceptional merit.

COLLEGE ASSEMBLIES

The weekly College Assembly, the Student Assemblies, and the chapel exercises, characterize the unity of Occidental life. The student gatherings discuss and deal with all activities organized under the Student Body constitution, as well as other interests of student concern. The weekly Assembly is the formal convocation of the entire College. It is addressed regularly by eminent men and women, often of national and international recognition, on topics vital to our social structure. On other days of the week brief morning prayers are conducted in the Chapel.

HEALTH REGULATIONS

The College exercises advisory supervision over the health of its students through its Department of Physical Education and the office of the College Physician, Kenneth M. Smiley, M.D., and will render services to the students under the following specifications:

1. Each student will be given a thorough medical examination at the beginning of each year, and upon request may receive a written statement of his physical condition.

2. Consultation and treatment of minor ailments and emergencies will be given on the College Campus daily during the regular office hour from 4:30 to 5:30, except Saturday and Sunday. No fee is charged for this service. Members of the athletic teams will receive free treatment for minor ailments upon a schedule prearranged by the coach.

3. Four lectures for men and four for women on the subject of hygiene will be delivered each year, attendance upon which is required of all students in the College.

4. All students while living in any of the residence halls of the College receive, in case of illness, the professional services of the College physician and pay in return for this service a fee of \$2.50 each semester.

5. Service rendered outside of that specified above will be charged for at a liberal discount, and the account will be settled through the physician's office.

Under the departments of Physical Education will be found statements of the work in these departments.

Part XIV

STUDENT ORGANIZATIONS AND ACTIVITIES

THE ASSOCIATED STUDENTS OF OCCIDENTAL COLLEGE

The organization of the Associated Students of Occidental College, chartered under the student body constitution, controls all student enterprises. It functions through its Executive Committee, which is composed of the officers of the Association, the Graduate Manager, the Yell Leader, and one representative from each of the following: Alumni, Athletics, Faculty, Forensics, *The Occidental*, *La Encina*, and the Associated Women Students. All students are members of the organization. By voluntary assessment, each member pays ten dollars to the college treasury as an Associated Student Fund, which payment entitles each student to all privileges of membership in the Student Body (see Part XI, Fees and Expenses).

OFFICERS AND MEMBERS OF THE EXECUTIVE COMMITTEE—1925-1926

WILLIAM MACINNIS	- - - - -	<i>President</i>
JEAN DAVIDSON	- - - - -	<i>Vice-President</i>
LOUISE WIMMER	- - - - -	<i>Secretary</i>
PHIL ELLSWORTH	- - - - -	<i>Graduate Manager</i>
ERNESTINE KINNEY	- - - - -	<i>Alumni Representative</i>
LAURETTA WHEAT	- - - - -	<i>President Associated Women Students</i>
ARTHUR TEACHOUT	- - - - -	<i>Athletic Representative</i>
FRANCIS HENSHAW	- - - - -	<i>Oratorical Representative</i>
THEODORE BRODHEAD	- - - - -	<i>Editor "The Occidental"</i>
ARTHUR CHERRIE	- - - - -	<i>Yell Leader</i>
SAMUEL PECK	- - - - -	<i>Editor "La Encina"</i>
DR. W. D. WARD	- - - - -	<i>Faculty Representative</i>

THE ASSOCIATED WOMEN STUDENTS

The Associated Women Students, an organization to which all women students automatically belong, fosters and promotes those college interests with which its members as a unit are particularly concerned. It sponsors all forensic and athletic and much of the social activity of women students. Through it the upper class women try at the beginning of the year to establish right social relationships for women entering college. Its organization consists of an executive board and of a senate. It annually elects The Women's Tribunal, a court composed of six members from the upper classes, which is especially devoted to the maintenance of the traditions and ideals of the college. The president is *ex-officio* a member of the Executive Committee of the Associated Students, and of the Student Affairs Committee.

The organization is a member of the Southern California Intercollegiate Conference of Associated Women Students, and of the Western Section of the General Association of Women Students.

OFFICERS ASSOCIATED WOMEN STUDENTS

1925-1926

LAURETTA WHEAT	-	-	-	-	-	-	-	-	-	-	-	<i>President</i>
CLARA ATKINSON	-	-	-	-	-	-	-	-	-	-	-	<i>Vice-President</i>
ELSABETH LESH	-	-	-	-	-	-	-	-	-	-	-	<i>Secretary</i>
JANET HOIT	-	-	-	-	-	-	-	-	-	-	-	<i>Treasurer</i>
RUBY McDONALD	-	-	-	-	-	-	-	-	-	-	-	<i>Oratorical Representative</i>
ESTHER RIDEOUT	-	-	-	-	-	-	-	-	-	-	-	<i>Athletic Representative</i>

FORENSICS

The College offers those students interested in forensics ample opportunity to engage in its various activities. Both the men and the women students maintain collegiate membership in intercollegiate debating, oratorical and extempor-

aneous speaking leagues among the colleges of Southern California. The colleges commonly included in the conferences are: California Institute of Technology, Pomona, Redlands, University of California in Los Angeles, University of Southern California, Whittier and Occidental. Annually the men's debating teams meet those of representative institutions in other sections of the country, such as the University of California, Ohio Wesleyan University, Colorado College. Last year on a trip to the middle west Occidental met the following: University of Utah, Park College, Beloit College, Marquette University, and the University of Arizona.

Chapters of Tau Kappa Alpha and Pi Kappa Delta, national honorary forensic societies, are well established in the College.

THE BOOK STORE

The Occidental Book Store, an Associated Student enterprise conducted under the Graduate Manager, furnishes text-books and student supplies at rates below the usual retail prices. It also provides a medium through which the students may dispose of used text-books. All profits from the store go to the support of student activities.

STUDENT PUBLICATIONS

The College newspaper, *The Occidental*, edited and managed by an organized staff of the students of the College, appears weekly during the college year. The student annual, *La Encina*, is published in May by the Associated Students. The Press Club issues *The Sabre Tooth*, a literary magazine containing the work of the students. A *Handbook* of information is issued at the beginning of each year by the Young Men's Christian Association and Young Women's Christian Association.

ATHLETICS

As a part of the work of the department of Physical Education, various forms of competitive intercollegiate athletics are engaged in by the College. The Southern California Conference, composed of California Institute of Technology, Pomona, Redlands, Southern Branch of the University of California, Whittier, and Occidental, annually officially schedules games in the various sports under conference rulings. Games in the major sports are also scheduled with teams outside of the conference.

THE GLEE CLUB

Both the men and the women of the College maintain Glee Clubs. Membership in each is based upon ability shown in competitive trials at the opening of the college year. Besides furnishing music at the various exercises of the College, each club annually gives a concert. During vacations, the Men's Club regularly visits a number of towns and cities within the State. Each club contributes in notable degree to the social and artistic life of its members and to the musical interests of the College.

MODERN LANGUAGE CLUBS

Le Cercle Francais and El Circulo Español are two social organizations of the students who are studying French and Spanish respectively. The object of each is to familiarize its members with conversational use of the language and the culture of its people.

OTHER STUDENT SOCIETIES

The literary societies maintained by the students of the College include Press Club, the Forum, composed of men, and Dial and Laurean, composed of women.

The scientific and professional societies include Pi Epsilon Pre-Engineering Society, the Pre-Legal Society, the Science Club, and Theta Pre-Medic Fraternity.

Societies interested in art are Arden Dramatic Society and Theta Alpha Phi, national honorary dramatic fraternity.

Social organizations, among both men and women, maintain themselves in the College. In 1922 the faculty ruling against national fraternities was removed. All fraternities, including the various house clubs, are under the supervisory jurisdiction of a faculty Committee on Fraternities.

CONTROL OF FINANCES OF STUDENT ORGANIZATIONS

All student organizations receiving dues, assessments, donations or other funds must adhere to such regulations as are laid down by the Faculty Auditing Committee. The Treasurers of all such organizations are required to keep their books along the lines prescribed by the above named committee and submit financial reports once each semester, or at any time requested by the committee. All funds shall be deposited in the College Branch Bank and payments made by check.

The Faculty Auditing Committee shall consist of the Instructor in Accounting, as chairman, together with two other faculty members, and shall be assisted by a student auditor, who will aid the Student Organization Treasurers as directed by this committee.

Part XV

OCCIDENTAL COLLEGE ALUMNI ASSOCIATION

(Organized 1894)



The purpose of the Alumni Association is to encourage and give expression to the common interests of the graduates and the former students of the College, particularly in cooperating with the College in furthering its progress and welfare. All graduates and former students who have attended Occidental for at least one semester are eligible to membership in the Association. The elected agents of the Association are its officers and the Alumni Council. The official publication of the Association, *The Alumnus*, is issued quarterly by an editorial board appointed by the Council. One of the important responsibilities of the Association is the nomination of Alumni Trustees. Three members of the Board of Trustees are elected from nominations made by the Alumni Association, one member being elected each year for a period of service of three years. All members of the Alumni Association in good standing are eligible to vote for three nominees from a list of ten alumni selected by the Alumni Council. The Board of Trustees elects one of the three alumni receiving the largest number of votes from the general ballot of all members of the Association.

CLASS SECRETARIES OF ALUMNI ASSOCIATION

- 1895 Alphonzo E. Bell, 512 Pacific Finance Bldg., Los Angeles, Calif.
1896 Walter V. E. Thompson, 133 W. Avenue 54, Los Angeles, Calif.
1898 Edward H. Miller, Seoul, Chosen.
1900 Miss Amy P. Gordon, 1014 People's Trust Bldg., Philadelphia, Pa.
1902 Rev. D. C. Chapin, 623 Baldwin Avenue E., Spokane, Wash.
1903 Fred H. Schauer, Santa Barbara, Calif.
1904 Dr. A. W. Buell, 921 Pacific Southwest Bk. Bldg., Long Beach.
1905 Percy B. Goodell, Box 177-B, Route 2, Van Nuys, Calif.
1906 Miss Grace Webster, Route 2, Box 142-A, Arcadia, Calif.
1907 Dr. Robert G. Cleland, Occidental College, Los Angeles, Calif.
1908 Mrs. Fred B. Caldwell, 5230 El Rio Avenue, Los Angeles, Calif.
1909 Miss Lois MacKalip, 203 E. Avenue 41, Los Angeles, Calif.
1910 Phillip Dodson, 1132 Meridian Avenue, South Pasadena, Calif.
1911 David R. Faries, 152 N. Irving Boulevard, Los Angeles, Calif.
1912 Harold B. Landreth, 702 Pacific Southwest Bldg., Pasadena.
1913 Mrs. John B. Shaw, 2660 Orchard Avenue, Los Angeles, Calif.
1914 Mrs. Hugh B. McNary, 4416 Towne Ave., Los Angeles, Calif.
1915 Miss Helen Kemper, 15 South El Molino St., Alhambra, Calif.
1916 Paul Kirkpatrick, University of Hawaii, Honolulu, T. H.
1917 Lucille M. Jackson, Occidental College, Los Angeles, Calif.
1918 Mrs. Charles I. Dague, R. F. D., Box 37, Azusa, Calif.
1919 Miss Sarah Young, 573 S. Boyle Avenue, Los Angeles, Calif.
1920 Mrs. Harlan Loud, 1125 Beech Street, South Pasadena, Calif.
1921 Mrs. Carl Bigsby, c/o *Tribune*, Compton, Calif.
1922 Mrs. A. Ruell Kendall, 2379 Vista Laguna Terrace, Pasadena.
1923 Miss Sarah Lindsey, 1159 S. Norton Ave., Los Angeles, Calif.
1924 Mrs. Warren Hoak, 309 N. Thirty-third St., Philadelphia, Pa.
1925 Miss Mary K. Moore, 530 N. Avenue 54, Los Angeles, Calif.
1926

Part XVI

DEGREES, HONORS AND PRIZES



DEGREES CONFERRED IN 1925

HONORARY DEGREES

DOCTOR OF LAWS

Dr. William Stewart Young
Founders' Day, 1924

Henry M. Robinson
Founders' Day, 1925

DOCTOR OF DIVINITY

Stanley A. Hunter
Founders' Day, 1925

Graham C. Hunter
Commencement, 1925

MASTER OF ARTS

Donald R. Dickey
Commencement, 1925

DEGREES IN COURSE

MASTER OF ARTS

Daniel Raymond Brothers	Charlotte M. Hoak
Olive Marie Chapman	Ruth Meier
Mary Elizabeth Himes	Esther Ostrow Nasatir

BACHELOR OF ARTS

Ahn, Leung-hwa	Brooks, Ruth Mary
Allison, Neva Muriel	Campton, Lucile B.
Anderson, Ella Christine	Carter, Paul C.
Bender, R. David	Chawner, William Donald
Blankenship, Margaret L.	Clark, Margaret
Brinegar, Marguerite	Coons, Jessie N.

Cottrell, William Frederick	Kassel, Lola Idelle
Creswell, Stanley W.	Kent, Eleanor Gertrude
Croswell, Bernice A.	Kile, Virginia H.
Daniels, Esli H.	King, Marchant A.
Davidson, Katherine Ida	Krelle, Marie
Davis, Loring Lucile	Lawson, John Maximilian
De Mandel, Ranier	Leishman, Esther Louise
Ebers, Clarence H.	Lindquist, Jerome
Eckerman, Caroline F.	Lindsey, Mary
Elliott, Harriet Mildred	Link, Frances M.
Ellis, Leola M.	Lowman, Oella Mae
Ellis, Leone M.	MacDonald, Malcolm
Ellis, Ruth G.	MacInnis, Mary Ruth
Enderle, Margaret White	McClain, Alva J.
Erwin, Jennie Ellen	McCunn, Annie Grace
Feaver, Marian K.	McNinch, Martha Jane
Finnell, Elmas Wheaton	Mantle, Verne Miles
Fisk, Alfred Grunsky	Mead, Harriet B.
Fulton, Jay Elton	Meillette, Louis J.
Gates, Alice R.	Miller, Charles H. D.
Gertmenian, Grace H.	Moles, Evelyn Mary
Green, Edith Vivian	Moore, Mary Katharine
Gunn, Anabel	Morse, Edith Jean
Gunn, Harriet Gilbert	Morsey, Anna
Gustafson, Ruth	Nickson, Jennie M.
Hargrave, Edgar J.	Noble, Howard E.
Harper, Howard Edward	Perkins, Paul
Hayslip, Helen D.	Pohlman, George Anton
Henry, Helen	Pritchard, Esther A.
Hess, Jesse W.	Pursel, Louis Dale
Hunt, Ethel Leona	Ridderhof, David
Huston, Louise C.	Righter, Ruth Virginia
Ingledue, Helen Lenore	Roberts, Howard Deacon
Jackson, Helen Avery	Roucek, Josef
Jacobson, Verner A.	Sackett, Robert D.
Jamison, Harold E.	Schooley, Erma Rebecca
Johannson, Alma	Selle, Wilbur A.
Johnson, Alice Marguerite	Sharp, Mary E.
Johnson, John Laurence	Silka, Violet M.
Johnson, Walfred J.	Sloane, Boyd Lincoln

Stein, Dorothy Ruth	Van de Goorberg, Wilhelmina
Stevenson, Robert Clark	Vogel, Pearl Elizabeth
Stocker, Helen Rebecca	Wadsworth, Guy Woodbridge Jr.
Sutherland, Hugh Barker	White, Harvey E.
Sutton, Herbert L.	Yorba, Gilbert J.
Terry, Dorothy Jean	Zellhoefer, Mildred L.
Thompson, Elsie Kathleen	

SUMMARY OF DEGREES CONFERRED IN 1925

Doctor of Laws, Honorary.....	2
Doctor of Divinity, Honorary.....	2
Master of Arts, Honorary.....	1
Master of Arts, in Course.....	6
Bachelor of Arts.....	105

HONORS AWARDED IN 1925

CLASS HONORS

First Freshman—

Brown, Aletha
Gray, Minnie

Folts, David
Hay, Malcolm
Stone, Louise
Bone, Ewing

Second Freshman—

Chambers, Ruth
Hoag, Ena
Ritchie, Harry Ward
Flipse, Marguerite
MacLaughlin, Florence
Onstine, Nellie
Henderson, Theodore

First Junior—

Kleinpell, Robert
Straight, Harold

Second Junior—

Osborne, Marianna
Giffen, Grace

First Senior—

Allison, Neva
Cottrell, William Frederick
Fisk, Alfred
Gunn, Harriet G.
Lindquist, Jerome
Kassel, Lola
McClain, Alva J.
McCunn, Annie G.
Stevenson, Robert

First Sophomore—

Fagley, Herman
Galarza, Ernest
Henshaw, Francis

Second Sophomore—

Baech, Edward
Bevis, Dorothy
Evans, Stanley

Wadsworth, Guy W. Jr.	Hess, Jesse
Zellhoefer, Mildred	Hunt, Ethel
<i>Second Senior—</i>	Jackson, Helen
Eckerman, Caroline	Moore, Mary Katharine
King, Marchant	Sutton, Herbert

FINAL HONORS

<i>First—</i>	King, Marchant
Allison, Neva	Lindquist, Jerome
McClain, Alva J.	McCunn, Annie
<i>Second—</i>	MacInnis, Mary
Fisk, Alfred	Moore, Mary Katharine
Gunn, Harriet	Stevenson, Robert
Hunt, Ethel	Zellhoefer, Mildred

DEPARTMENTAL HONORS

DEPARTMENT OF ENGLISH

Alfred Fisk, Senior
 Harriet Gunn, Senior
 Mary K. Moore, Senior
 Mrs. Esther Ostrow Nasatir, Graduate Student

DEPARTMENT OF PHYSICS

Harvey White, Senior

DEPARTMENT OF POLITICAL SCIENCE

Guy Wadsworth, Senior

ELECTED TO THE HONOR SOCIETY

Allison, Neva	MacInnis, Mary
Cottrell, William F.	McClain, Alva
Fisk, Alfred	McCunn, Annie G.
Gunn, Harriet	Moore, Mary K.
Hunt, Ethel	Stevenson, Robert
King, Marchant	Zellhoefer, Mildred
Lindquist, Jerome	

PRIZES AWARDED DURING THE YEAR

DEPARTMENT OF RELIGIOUS EDUCATION

First Prize, \$25.00—Cyril Gloyn, '27

Second Prize, 15.00—Alfred Fisk, '25

Third Prize, 10.00—Dorothy Bevis, '27

DEPARTMENT OF SPEECH EDUCATION

First Prize, \$50.00—Euphrates Pashgian, '27

Second Prize, 25.00—Paul Carter, '25

Third Prize, 10.00—Evelyn Forbes, '27

PRIZES OFFERED TO THE CLASS OF 1926

Best All Around Man \$25.00—Kenneth Montgomery, '26

Best All Around Woman 25.00—Lauretta Wheat, '26

PI EPSILON PRE-ENGINEERING SOCIETY

Harvey White, '25—\$10.00

LOCAL PHI BETA KAPPA ESSAY PRIZES

First Prize, \$25.00—Harriet Gunn, '25

Second Prize, 15.00—Alfred Fisk, '25

Third Prize, 10.00—Mildred Zellhoefer, '25

DEBATING PRIZES

First Prize, \$25.00—Ernest Galarza, '27

Second Prize, 25.00—Francis Henshaw, '27

Third Prize, 25.00—Robert Stevenson, '25

Part XVII

REGISTER OF STUDENTS

1925-1926

The home addresses indicated in this register are in the State of California and the City of Los Angeles unless otherwise indicated. The general post office address of all students in residence is Occidental College, Los Angeles, California.

The superior figure 1 indicates registration for the first semester only; 2 indicates registration for the second semester only. The dagger (†) indicates withdrawal for low scholarship, illness or other cause during the semester.

GRADUATE STUDENTS

² Blee, Fairy A.....	Puente, California
A.B. Occidental College	
Brinegar, Marguerite.....	5203 Hermosa
A.B. Occidental College	
Buell, Pearl.....	1466½ Holbrook
A.B. University of Minnesota	
Cook, Laurence R.....	1117 North Avenue Fifty-four
A.B. Occidental College	
² Deans, Allison Barnes, Jr.....	761 North El Centro Avenue
U. S. Military Academy, West Point	
DeMandel, Ranier.....	2923 Washington Boulevard
A.B. Occidental College	
Garstang, Dorothy.....	617 N. Ross, Santa Ana
A.B. Occidental College	
Harshman, Thurston.....	1021 Sonora, Glendale
A.B. Occidental College	
Gunning, Alma E.....	3002 Kenwood Avenue
A.B. University of Southern California	
Henry, Helen.....	36 North Wilson, Pasadena
A.B. Occidental College	
Hunt, Ethel L.....	Browns Valley, Minnesota
A.B. Occidental College	
Jamison, Harold E.....	1432 Armadale
A.B. Occidental College	
Johnson, Fred M.....	1515 Campus Road
A.B. Occidental College	
² Kassel, Lola.....	2337 Merton Avenue
A.B. Occidental College	
² Lindsey, Sarah L.....	1159 South Norton
A.B. Occidental College	
Nevins, Katharine Tilt.....	255 State Street, Pasadena
A.B. Vassar College	

² Parks, Florence L.	2020 Toberman
A.B. Occidental College	
Rambeau, Anne M.	1803 Michigan Avenue
B.A. Walla Walla College	
Reynolds, Walter C.	742 West California, Glendale
A.B. Greenville College	
Rosaire, Forrest	917 San Jose, Burbank
Ph.B. University of Chicago	
² Sebastian, Miriam	1601 Winona Boulevard
A.B. University of California	
Smith, Walter Olney	917 South Wilson, Alhambra
Ph.B. Grinnell College	
Stein, Dorothy	800 Oakland Avenue, Pasadena
A.B. Occidental College	
Stevens, Florence Mary	4954 Maywood
A.B. Occidental College	
Thompson, Elsie	1096 Steuben Street, Pasadena
A.B. Occidental College	
Timmons, Howard	2080 Emerson, Denver, Colorado
A.B. Occidental College	
Turner, Joyce	816 North Mariposa
A.B. University of California	
Young, Vivian	420 Concord, Monrovia
A.B. Willamette University	
Zellhoefer, Lillian	320 North Stoneman, Alhambra
A.B. Occidental College	
Zellhoefer, Mildred L.	320 North Stoneman, Alhambra
A.B. Occidental College	

SENIORS

Angus, Albert	Arcadia, California
Atkinson, Clara	1023 Fremont, South Pasadena
¹ Austin, Elizabeth	110 East Green Street, Pasadena
Barr, Eleanor L.	200 Hamlet
Barndt, David M.	621 South Highland Avenue
Barnes, Leland S.	310 South Vendome Street
Black, Esther L.	825 South Madison, Pasadena
¹ Briggs, Marie	2626 Lakeview, Chicago
Brown, Kathleen	620 East California, Pasadena
Brown, Marjorie E.	620 East California, Pasadena
¹ Buckman, Phil	Exeter, California
Buley, Horace	800 Rome Drive
Butzine, Frederick	4287 El Cajo Drive, San Diego, California
Buxton, Bronson F.	1422 West Third, Santa Ana, California
Byram, Fern	144 South Avenue Fifty-five

Caldwell, Agnes O.....	326 West Wilson, Glendale
Caldwell, Eunice F.....	326 West Wilson, Glendale
Campbell, David M.....	2653 West Avenue Fifty-three
² Carter, Ernest N.....	317 Encenal Avenue, Santa Barbara
Chamlee, Frank.....	Orosi, California
Coleman, Ethel B.....	15 Sixty-fourth Place, Long Beach
Conklin, DeEtte.....	Box 278, Santa Barbara
Cornett, Gordon.....	808 Adelaide Place, Santa Monica
Coutts, George L.....	1502 Fremont, South Pasadena
Dally, Adeline I.....	2112 Addison Way
Davidson, Jean L.....	Fierro, New Mexico
Davidson, Robert S.....	Fierro, New Mexico
¹ Damaskin, Nicolas.....	Harbin, Modiahsu, 312 Zerkovnai Street, China
¹ Faucette, Frank.....	970 Dexter Street
Folger, Lois.....	Alton, Iowa
Fuller, Lorraine.....	1899 North Raymond, Pasadena
² Garrison, Hazel.....	1100 North Michigan, Pasadena
Giffen, Grace.....	1543 West Avenue Forty-six
Hall, Ruth.....	Strathmore, California
Hazeltine, Harvey.....	Hemet, California
¹ Himelfarb, Joshua.....	5425 South Main
¹ Hodges, Helen.....	5652 Baltimore Street
Hunter, Mary.....	1225 Marengo, South Pasadena
Isenor, Ethel.....	Route 1, Huntington Beach
Kalet, Rupert.....	East Henrietta, New York
King, Frank D.....	Fillmore, California
Kinney, Elisabeth.....	4610 Paulham
Kleinpell, Robert M.....	618 Aldama Terrace
Knudson, Frances J.....	117 West Avenue Fifty-five
Lee, J. Murray.....	2111 Aubrey
Lee, Kathryn.....	6422 Eagle Rock Avenue
¹ Leung, Martha.....	920 Sacramento Street, San Francisco
Lewis, Ralph.....	R. D. No. 1, Santa Ana, California
¹ Link, Carl, Jr.....	Exeter, California
² MacRae, Lucia.....	448 North Avenue Fifty-six
MacInnis, William.....	1112 North Garfield Avenue, Alhambra
McConnell, Harriet.....	555 North El Molino, Pasadena
McLeod, Beth.....	1116 Edge Hill, Escondido
Macomber, Naomi M.....	1185 North Chester, Pasadena
² Miller, Dwight H.....	1443 Armadale

Milos, Charles.....	Black Eagle, Montana
Mitchell, Florence.....	5141½ Range View
Montgomery, Dorothy.....	5260 Alverna
Montgomery, Kenneth.....	1163 Twenty-sixth Street, Moline, Illinois
Morey, Herbert.....	157 North Monterey, Pomona
Morse, Marian.....	1302 Wilshire, Santa Monica
Mussen, Richard.....	363 South Bonnie Brae
Nakamura, Frank.....	306 North Avenue Twenty-two
Nash, J. Verdon.....	3934 East Fourth Street
Newhall, Eleanor.....	1857 Campus Road
Newhall, Myrtle.....	1857 Campus Road
Osborne, Marianna.....	1201 Georgina, Santa Monica
Okada, Shigeru.....	202 North San Pedro
Palmer, Ethel May.....	338 North Hobart Place
¹ Park, Edward W.....	106 North Figueroa
Parker, Daryl.....	1432 East Maple, Glendale
Pashgian, Aram.....	225 Grandview, Pasadena
Potter, Dorris.....	2308 Las Colinas
² Powers, John R.....	Beaumont, California
Pozzo, Flora.....	1204 South St. Andrews Place
Raymond, Laurence.....	335 Palmetto Drive, Pasadena
Renius, Karl.....	550 East Sixteenth, Long Beach
Rhodes, Dorothy.....	Chino, California
Rideout, Esther.....	Whittier, California
Ruddell, Lloyd.....	555 Angeleno
Savage, Berniece L.....	1557 Fair Park
Sawyer, Eleanor.....	700 East Windsor Road, Glendale
Scott, Hugh.....	Clifton, Kansas
Shearing, Lloyd.....	R. F. D. No. 1, Filer, Idaho
Stevens, Newell D.....	109 East Jefferson Street
Stoller, George R.....	Camas, Washington
Straight, Harold.....	4815 Eagle Rock Boulevard
Sutherland, Genevieve.....	4006 Homer
Switzer, Helene G.....	1015 Westchester Place
¹ Tanaka, Shizona.....	5905 El Mio
Taubman, Mary H.....	2465 East Fourth Street, Long Beach
Templin, Elna M.....	5017 Lincoln Avenue
Thayer, Josephine C.....	2343 Addison Way
² Todd, David K.....	444 West Wilson Avenue, Glendale
Turley, Claude L.....	1567 Hazelwood

¹ Vargo, Irma.....	1765 Talmadge, Hollywood
Vickroy, Esther K.....	5258 Sunset Boulevard
Waddingham, Francis.....	2014 Ridgeview
Wall, Cyril.....	237 Platt Street, Lynwood, California
Weaver, Roy J.....	El Monte, California
² Westgate, Tevis T.....	R. D. 3, Santa Ana
Westlund, Elmer.....	1152 Harcourt
Wheat, Laurretta.....	203 North Maclay
Wheeler, Roy.....	Baldwin Park, California
White, Daniel B.....	Fort Sam Houston, Texas
Wilson, Doris V.....	1222 East Eighth, Long Beach
¹ Wilson, Kenneth W.....	935 South Mariposa
Wimmer, Louise.....	1108 East California, Glendale
Wolf, Carl.....	2018 Ridgeview
² Wright, T. Page.....	3104 Homer Street, San Diego

JUNIORS

Alkire, Martha L.....	5004 Almaden Drive
Armstrong, Lois C.....	4729 York Boulevard
Bailey, Carlisle.....	5250 Hermosa
Barrett, Herbert W.....	2740 Lake Street, San Francisco
Bean, John H.....	Woodlake, California
Betts, Frederick N.....	392 Coronado, Long Beach
Bierer, Kenneth C.....	Woodlake, California
Billheimer, Ruth M.....	1104 Fremont, South Pasadena
Black, Charles Lee.....	355 North Euclid, Pasadena
Black, H. Howard.....	355 North Euclid, Pasadena
Blasingham, Marion.....	334 North Avenue 52
Bone, Ewing.....	67 Gladys Street, San Francisco
Brodhead, Theodore.....	114 West Greystone, Monrovia
Buell, Charlotte.....	312 Colorado Place, Long Beach
Canfield, Merritt C.....	La Habra, California
Carper, Evelyn.....	Phoenix, Arizona
Chaffee, Eugene B.....	Route 2, Boise, Idaho
² Chaffee, Marlys Ruth.....	Route 2, Boise, Idaho
Chaffin, Ruth E.....	1939 Yosemite Drive
Chapman, Beatrice A.....	755 North Chester, Pasadena
Clapp, Norton.....	300 Elvado, Pasadena
Conde, Victor.....	Puente, California
¹ Conger, Daniel K.....	2311 One Hundred and Sixteenth Ave., Sawtelle

Corrigan, Bess N.....	1965 Milan Avenue, South Pasadena
Craig, Florida J.....	2460 West Colorado
Craigmile, Viola.....	5614 Irvington
Crawford, Jean.....	1821 Corson Street, Pasadena
Cunningham, Harry W.....	1115 Fairview, South Pasadena
Dasher, Edith C.....	625 South Madison, Pasadena
Davis, Llewellyn Herman.....	528 Terrill Avenue
Deaver, Ralph H.....	Orange Cove, California
Donley, Joseph.....	219 East Seaside Boulevard, Long Beach
Dotseth, John.....	Black Eagle, Montana
Eckhoff, Irving A.....	15 Rose Street, San Rafael, California
Eddleman, Ozro.....	Lodi, California
Evans, Stanley T.....	942 Gray Avenue
Fagley, Herman E.....	933 South Madison, Pasadena
Faris, Reba J.....	Fullerton, California
Farmer, Helen.....	2137 Ridgeview
Featheringill, Marguerite.....	1701 Phillips Way
Folts, David R.....	Darien, Wisconsin
Frank, Mabel A.....	284 North El Molino, Pasadena
Free, Josephine A.....	7827 State, La Jolla, California
Galarza, Ernest.....	910 D. Street, San Francisco
Gloyn, Cyril K.....	5849 South Wilson Place
Godett, Michael.....	4939 Buchanan
Gregg, Lester D.....	3041 East Third, Long Beach
² Graf, Wilbur G.....	234 Norman Way, West Los Angeles
Gregory, Merrill.....	130 Hillcrest Drive, Fullerton
Hall, Harvey.....	1323 Echo Park
Hall, Mary E.....	5261 Alverne
¹ Hammersley, Marion.....	Puente, California
Hargrave, Samuel J.....	1621 West Avenue 46
Haserot, Lester E.....	1425 Armadale
Haynes, Eugene V.....	440 Kensington Place, Pasadena
Henshaw, Francis.....	1010 South Berenda
Hoit, Janet B.....	1244 North Michigan, Pasadena
Holland, Wendell.....	126 North Avenue 54
Hoobyar, Luther.....	Box 275, Turlock, California
House, Hazel.....	2128 La Verne
Iwasaki, Ernest K.....	212 East Mendocino, Pasadena
Johnson, William Jas.....	533 East Mountain, Pasadena
Keech, William.....	3220 Arvia

Kizer, Beatrice M.....	312 North Avenue 62
² Kemper, Virginia Y.....	540 Atchison Street, Pasadena
² Larsen, William W.....	1730 Whitefield Road, Pasadena
Lavelle, Reginald.....	Salt Lake City, Utah
Lembke, Glenn.....	818 Montrose, South Pasadena
Lerchen, Frank.....	2818 Rock Glen
Lesh, Elisabeth E.....	209 North Hill, Pasadena
Lohrli, Annie.....	403 Palm Avenue, Riverside
McDonald, Ruby.....	4610 Paulham
Miller, Hubert.....	2371 Norwalk
² Minkler, C. Gordon.....	1391 Linda Vista
Mishkin, Solly.....	713 North Vendome, Hollywood
Moeller, Clarence.....	4728 York
¹ Moore, Dorothy.....	5667 Irvington Place
Nehls, Bennet.....	58 West Peoria
Palmer, Jessie M.....	358 J., Anaheim
Peek, Sam.....	315 East Lime, Monrovia
Phillips, Loraine.....	6151 Pasadena Avenue
Price, Guthrie R.....	409 West Hillcrest, Monrovia
Pritchard, Elizabeth.....	1111 West 51st Street
Reigart, Richard K.....	851 Locust, Long Beach
Richardson, Paul.....	317 North Brand Boulevard, Glendale
Schuckman, Fred.....	302 West Foothill Boulevard, Pasadena
Shaw, Leiland.....	247 South Johnston
Smith, Ruth L.....	826 Lucy Lane
Soule, Edwin.....	1793 Campus Road
² Stellar, Josephine.....	1110 Glendon Way, South Pasadena
Stone, Louise.....	257 West California Street, Pasadena
¹ Strayer, Arjuna D.....	42 South Terrace Drive, Pasadena
Tait, Winifred.....	Phoenix, Arizona
Teachout, Arthur.....	39 Kennandale Boulevard
Terry, Duane R.....	719 East Lomita, Glendale
Trehella, Mary J.....	1522 Munson Avenue
Van Vleck, Helen.....	713 North Avenue 53
Wallace, Marjorie.....	2828 East 1st Street, Long Beach
Willbee, Elizabeth.....	1914 Mont Robles Place, South Pasadena
¹ Wilshire, Logan G.....	800 Elizabeth, Pasadena
Wyman, Paul.....	245 North Madison, Pasadena

SOPHOMORES

†Ando, Tichiro.....	25 Westmont, Pasadena
Ankeny, Lucile A.....	1322 Lime Avenue, Long Beach
Ballard, Gilbert.....	Gardena, Box 210
Blackmer, Margaret.....	122 Carnelian Street, Redondo
Bloom, Carl.....	Hutchison, Kansas
Boone, Helen A.....	1009 South Court, Visalia
² Briody, Anna Marie.....	500 Bellefontaine, Pasadena
Bradner, Eric.....	2316 Loy Lane
Brobst, Theodore.....	230½ West Avenue 52
Browne, Aletha.....	2806 Rock Glen Avenue
Burleson, Donald.....	302 Patton Street
Chambers, Ruth.....	2068 Escarpa Drive
†Chamlee, Tilman C.....	Orosi, California
Cherrie, Arthur.....	2219 Hollister, Santa Monica
¹ Chu, H. C.....	Atascadero, California
² Clearbrook, Harold W.....	705 North Pearl, Compton
Clinton, Mildred G.....	1000 Warburton, Yonkers, N. Y.
¹ Crandall, Stewart.....	5608 Irvington Place
Crawford, Lorraine.....	2501 Romeo Avenue
Creel, Clara T.....	715 Aldama Terrace
Cutlip, Ralph L.....	129 West Avenue 33
¹ Dally, Evalyn L.....	2112 Addison Way
Davis, Dorothy A.....	1848 East California, Pasadena
Davison, Betty.....	5309 Aldama Street
†Dickenson, Harold F.....	442 South Lorena Street
Dorman, Helen May.....	1220 Barkeley, Glendale
Drummond, Christine.....	Nanking, China
Duncan, James C.....	3407 Madera Street
Eckerman, Margaret L.....	Covina, California
Edmonds, Paul W.....	121 South Cedar, Glendale
*Fassett, Fred R.....	1831 Woodrow Avenue
Fisk, Helen Mary.....	1750 South San Fernando, Glendale
Foreman, Mildred L.....	Douglas, Arizona
Frary, Lucille S.....	5311 Monte Vista Avenue
Fusco, George.....	582 North Avenue 23
Glynn, James L.....	780 North El Molina, Pasadena
Goodheart, Wm. Berl.....	San Anselmo, California
² Graves, Betty E.....	1505 South 2nd Street, Alhambra

* Deceased.

Gray, Minnie M.....	3667 McClintock Street
Greenlee, Gertrude.....	413 Elvina Drive, Glendale
Gregg, Alberta.....	3041 East Third Street, Long Beach
Groenwegen, Cornelius.....	727 Garfield, South Pasadena
Grotthouse, Margaret.....	134 South Avenue Fifty-seven
Hackett, Edward A.....	807 Bedford Drive, Beverly Hills
Hagen, Hazel H.....	144 South Avenue Fifty-five
Haigh, Marion Helen.....	670 South Los Robles, Pasadena
Hamilton, Pearl.....	620 East Seventh Street, Long Beach
Harrison, Inez Laura.....	323 North Maryland, Glendale
Hawkins, Guy.....	6203 Tifton Way
Haworth, John R.....	Chatsworth, California
Hayes, Theodore M.....	450 South Santa Anita, Pasadena
Henderson, Theodore.....	2076 West Thirtieth Street
Herwig, Dan M.....	777 South Euclid, Pasadena
Hinshaw, Donna C.....	2816 Vista Street, Long Beach
Hitch, Harris.....	Moor Park, California
Hitch, Margaret.....	Moor Park, California
Hoag, Ena.....	Pacific Grove, California
Hoffman, Mary B.....	Alhambra, California
Holland, Mary A.....	South Seventh Street, Montebello
Jackson, Florence.....	634 East California, Pasadena
Jones, Alice.....	1129 Windsor Place, South Pasadena
Jones, Juliet V.....	722 Irving Street, Alhambra
Jones, Merle.....	518 Santa Paula, Santa Paula
Jordan, Mary Louise.....	604 Valley Boulevard, San Gabriel
Juett, George.....	2059 Ridge View Avenue
Keedy, Helen E.....	1801 Fair Oaks, South Pasadena
Kelly, Lillian E.....	521 North Avenue Fifty-three
King, Alfred S.....	5115 LaRoda Street
King, Marjorie L.....	3322 Elm, Long Beach
Klein, Albert W.....	Box 413, Ocean Park
Kleinpell, Wilke C.....	618 Aldama Terrace
Knipp, Juanita.....	282½ Fourth Street
Kodweiss, Marion Rich.....	5233 Townsend Avenue
Kreder, A. LeNard.....	370 West Forty-first Street
Kurze, Louis S.....	542 South Chicago Street
Lawrence, Mary E.....	809 Indian Hill, Claremont
Lind, Nena.....	1625 Los Lunas, Pasadena
Lingenfelter, Daniel.....	Box 118, Lankershim

Linneman, Lorna.....	704 Meridian, South Pasadena
Loper, John D., Jr.....	823 North First Street, Phoenix, Arizona
Ludlow, Bernice M.....	1303 Leland, San Pedro
Ludlow, Mildred D.....	1303 Leland, San Pedro
McCall, Ellen Lois.....	2151 Las Colinas Avenue
McCoy, Frances W.....	1809 Court Avenue, South Pasadena
McDougall, Elizabeth.....	Tustin, California
McLain, Dorothy.....	525 North Raymond, Pasadena
² McLachlin, Mary Jean.....	Moor Park, California
MacLaughlin, Florence.....	144 South Kenwood, Glendale
Mahoney, Anna.....	Tulare, California
Marashlian, Edward.....	1761 North Fair Oaks, Pasadena
Marsh, Gracia.....	776 Walnut, Long Beach
Martin, Norman E.....	1120 North El Centro, Hollywood
Mixsell, Frank.....	Palm Springs, California
Monks, Harold C.....	1739 West Fifty-first Street
Morse, Clifton.....	1497 Elm, Long Beach
Morse, James K.....	1302 Wilshire, Santa Monica
Nash, Milton.....	3934 East Fourth Street
Nelson, Byrne.....	1615 East First Street, Long Beach
¹ Newell, Blair Gordon.....	623 Aldama Terrace
Newell, Paul.....	445 East Adams Street
Noble, Hubert.....	225½ North Avenue Fifty-three
Nord, Ruth S.....	1414 Mt. Pleasant
Onstine, Nellie J.....	6401 Planada Avenue
Orr, Robert M.....	1840 West Thirty-eighth Place
Osgood, Charles S.....	223 East Walnut Park
Paine, Joanna E.....	511 East Fifth Street, Long Beach
Palmer, Oran W.....	338 North Hobart, Hollywood
Parker, Audrey.....	1615 Campus Road
Pashgian, Euphrates.....	225 Grand View, Pasadena
Pashgian, Y. Constant.....	225 Grand View, Pasadena
Pennebraker, George.....	5000 Echo Street
Perkins, Glen.....	145 South Everett, Glendale
Perkins, Vera M.....	324 Stedman, Monrovia
Perry, Marguerite.....	723 Aldama Terrace
Petit, Stanley.....	14828 Gilmore, Van Nuys
Phillips, Edward S.....	Sultana, California
Phillips, Eleanore.....	161 Seventh Avenue, San Francisco
Pohlman, Roger.....	121 Illinois, Anaheim

Purser, George.....	Visalia, California
¹ Ramos, Bartolome.....	1800 Milan, South Pasadena
Ray, Raymond.....	Exeter, California
Reasoner, Dorothy.....	Winters, California
² Reynolds, Blessing.....	2342 Loy Lane
Reynolds, Marian.....	237 South Hill, Pasadena
Reinhardt, Alma.....	Magdalena, New Mexico
Rijhoff, Victor.....	414 Kukini, Honolulu
¹ Ritchie, Harry.....	1400 Milan, South Pasadena
Roach, Morris.....	595 East Couch, Portland, Oregon
Roush, Frank.....	101 North Allen, Pasadena
Russell, Marian E.....	1915 Mission Road
Ryan, Frances.....	1118 Stratford, South Pasadena
Ryan, Roscoe.....	1118 Stratford, South Pasadena
Scherbacher, Armin J.....	1150 South One-Hundredth Place
² Scovel, Atwood D.....	18 Palm, Alhambra
Shaver, Mahlon.....	Azusa, California
¹ Sheldon, Kenneth P.....	Ojai, California
Shoemaker, Nona.....	Bel-Air, West Los Angeles
Smith, Barbara L.....	745 South Adams, Glendale
² Smith, Marion Frances.....	765 Stephenson Avenue
Smith, Norman.....	711 Marino, Ocean Park
Smith, Sarah May.....	160 Navilla, Covina
² Sorenson, Clarence S.....	1589 El Molino, Pasadena
Spencer, Dwight.....	4309 Park Boulevard, Oakland
Spencer, Mabel.....	534 West Fifty-fifth Street
Spencer, Paul.....	653 North Alexandria Street
Stahlman, Edward R.....	1213 West Fifth Avenue, Pomona
¹ Stead, Thomas, Jr.....	1131 Craigmont, Berkeley
Stillman, Rowena Ann.....	1239 Ninth Street, Douglas, Arizona
Sunderland, Helen.....	667 South Hoover Street
Tanner, Ervin H.....	Morro Bay, California
Taylor, Boyd.....	1865 Campus Road
Taylor, Roberta Nina.....	2323 Second Street, Long Beach
Taylor, Roland.....	Wilmington, California
¹ TeSelle, Mary W.....	3943 Glassell Avenue
Thomas, Alfred L.....	707½ South Bonnie Brae
Thomson, Lillian.....	5256 Aldama Street
Tyler, Donald F.....	4557 North Griffin
Venable, Pauline M.....	621 North Guadalupe, Redondo

Wamsley, Mary Mae.....	153 North Ridgewood Place
Watson, Dorothy M.....	251 Valejo Drive, Glendale
Wells, Elizabeth.....	1537 Third Avenue
White, Carryl L.....	Box 201, Tujunga
Whitney, Lucile.....	1357 Colorado Boulevard
Wiley, Wallace E.....	1275 North Allen, Pasadena
Williams, Don L.....	620 North Third Street, Phoenix, Arizona
Youngs, Ruth A.....	253 Fifth Avenue, Twin Falls, Idaho

FRESHMEN

Albright, Walter Emory.....	134 South Newton, Whittier
Allen, Jane.....	617 Euclid Avenue, Ontario
Allen, Kathryn.....	1002 Palm, South Pasadena
Andrews, Mary Evelyn.....	126 West Avenue Fifty-seven
Argue, George.....	4532 Glassell Avenue
Argue, William.....	4532 Glassell Avenue
² Barr, Jean Elizabeth.....	200 Hamlet Street
Barrett, Hannah J.....	2740 Lake Street, San Francisco
² Bell, Beatrice.....	Box 24, Pacific Palisades
Belman, Keith.....	6185 St. Albans
Bear, Veloma Elizabeth.....	14 East Cypress Avenue, Redlands
Berryhill, Word William.....	211 North Elna Avenue, Redondo
² Biscar, Joseph Gratian.....	Puente, California
Blanchard, Duane.....	320 Pacific Boulevard, Huntington Park
Bone, James Francis.....	1006 Craft Avenue, Hollywood
² Brady, Arthur Clinton.....	4750 York Boulevard
² Breeze, Mary Lydia.....	5237 Townsend Avenue
² Bronson, Charles D., Jr.....	319 Encinitas, Monrovia
Brown, Maurice James.....	Box 32, Pacific Palisades
Burnham, Loren Brodie.....	1550 Curran Street
¹ Busby, Thomas Benson.....	672 Orange, El Centro
Campbell, James M., Jr.....	1322 Gordon Street, Hollywood
² Cant, Donald Fred.....	4209 Buchanan Street
Capstick, Thomas.....	17 Oak Knoll Gardens, Pasadena
Charnock, William.....	Palms, California
² Clarke, John Vaughan.....	217 Oaklawn, South Pasadena
Clark, Richard S.....	Burgettstown, Pennsylvania
Clausen, Ruth Catherine.....	1709 Hill Drive
†Clayes, Alfred.....	Anaheim, California
Cocke, Olive.....	3378 Verdugo Road

Coleman, Zola M.....	844 W. Huntington, Monrovia
Condit, William B.....	1012 Garfield, Alhambra
Cook, Edward Bailey.....	514 Highland, Redlands
Coultas, Walter T.....	Oxnard, California
Coyne, James.....	1522 Kings Road, Hollywood
Craig, Norval.....	132 Cottage Street
² Crane, Genevieve Eunice.....	4944½ York Boulevard
Creswell, Elizabeth A.....	2130 Norwalk
² Crosby, Beatrice C.....	2849 Santa Rosa, Altadena
Cummings, Harold.....	728 South Catalina Street
Cuthbert, Philip.....	212 North Avenue Fifty-four
Darley, Irene.....	1717 Lucile, Hollywood
Darrow, Vernon S.....	105 North Avenue Fifty-six
Davis, Edward R.....	306 East Orange, Monrovia
² Day, Esther Camilla.....	Pacific Palisades, California
Deaver, Paul S.....	Orange Cove, California
Desson, John Henry.....	1852 Penryn Avenue
Dicus, Margaret E.....	115 South Verdugo Road, Glendale
Donaldson, Robert.....	67 San Leandro Way, San Francisco
Dostert, Leon.....	2027 Ridge View
Drum, Edward M.....	821 West Third, Long Beach
Eastman, Robert Allen.....	221 East Mountain, Glendale
Eberhardt, John.....	1225 Milton Street
Edmonds, Esther.....	121 South Cedar, Glendale
Edmondson, Sidney.....	Box 188, Compton, California
Ellis, Wyman W.....	219 North Vista, Monrovia
Ellsworth, Ted R.....	5552 Carlton Way, Hollywood
Ellzey, William Clark.....	219 West Avenue Forty-two
Elton, Marjorie.....	638½ North Alexandria
Enfield, Rollin O.....	1557 West Avenue Fifty-seven
² Failor, Charles Alfred.....	5314 Bakeman Avenue
² Fabry, Willis William.....	714 Fremont Avenue
Fisk, Samuel.....	813 Meta Street, Ventura
[†] Floyd, William.....	5023 Ellenwood Drive
Foree, Dorothy.....	1426 Marsh Street
Fowler, Doris.....	Duarte, California
Fowler, Majorie P.....	Duarte, California
Fuller, Anna Leora.....	1648 Francisca, Pasadena
Fulton, Carol.....	502 N. Baltimore, Monterey Park
Gehan, Norval.....	829 Benton Way

Gerow, Eugene.....	Taft, California
Gibbs, Oscar Lyman.....	929 East Center Street, Anaheim
¹ Gillick, Anne.....	918 Ensenada, Berkeley
Godwin, Margaret Jane.....	3321 Huntington, Fresno
² Gorchakoff, Benjamin Franklin.....	1026 Crenshaw Boulevard
Gregory, Rennie Jean.....	2655 North Giffen Street
Hall, Ada Ruth.....	Glendora, California
Hall Anna May.....	Glendora, California
Hardesty, Lorena.....	Gardena, California
Harper, Jacob Robert.....	2810 North Griffen Street
Hart, Marjorie.....	1100 East Harvard Street
Hata, Harry Tetino.....	1516 Post, San Francisco
² Haworth, Forrest.....	Chatsworth, California
Hendricks, Edith Louise.....	4415 Pershing Drive, El Paso, Texas
Hibbits, Charles Emery.....	Lompoc, California
Hoick, Marion Laura.....	429 Euclid Avenue
Holland, George Kenneth.....	126 North Avenue Fifty-four
¹ Holden, Edward W.....	Cutler, California
² House, Helen Winifred.....	2128 Laverna Avenue
Hilkevitch, Marie	
Hudson, Kathleen.....	1620 Alegio Square, San Gabriel
Hunt, Warner.....	1922 Whitley Avenue, Hollywood
Imler, J. Donald.....	232 Thome Street
Irvin, Briggs.....	778½ East Pico Boulevard
Jimenez, Alexander.....	169 Ritzman, Pasadena
Johnson, Dorothy May.....	Chappell, Nebraska
Johnson, Lucile.....	2942 Mariquita, Long Beach
Johnson, Mary E.....	343 West Lomita, Glendale
Jones, Elmer Lloyd.....	2261 West Twenty-ninth Place
Jones, Harold.....	1210 Sherlock Court, Burbank
Jordan, James G.....	1433 West Avenue Forty-eight
Kelman, Newton H.....	5029 Echo Street
^{†2} Kendig, William Prall.....	6205 Oak Crest Way
Ketchersid, Ernest.....	1542 Yale Street, Santa Monica
Kirk, Harold.....	832 Stratford, Pasadena
¹ Klein, Victor.....	5235 Virginia, Hollywood
Knoeble, Martha.....	760 Raymond, Long Beach
Kuehny, Phyllis P.....	312 North Orange, Glendale
Lee, Kenneth William.....	345 North Belmont, Glendale
Lehman, Evelyn.....	269 Termino, Long Beach

² Lindquist, Charles Nelson.....	2424 Parkway
Loofbourrow, Hale J.....	5127 Highland View
McAulay, John R.....	5488 Keats Avenue
McClellan, Maurice.....	238 Fifth Street, Gilroy
¹ McNeil, Margaret B.....	881 North Oxford, Hollywood
MacPhie, Mary I.....	768 Highland Avenue, Pasadena
Marashlian, Edward.....	176 North Fair Oaks, Pasadena
² Marshall, Carolina R.....	2036 Dracena Drive
Martin, Edward A.....	Box 444, Burbank
Martin, Kirk Paige.....	2639 Fulton, Burbank
Matsumato, James.....	1752 Pine Avenue, Long Beach
¹ Mattingly, Elizabeth.....	2117 West Avenue Thirty-seven
² Mildren, Hugh W.....	176 Melrose, Monrovia
Millar, Launce B.....	Box 1312, Puente, California
Miller, Martha.....	1011 South Serrano Street
Minter, John.....	2016 East Street, Bakersfield
Misemer, Elmer M.....	5289 Ellenwood Drive
Maeno, Yasno John.....	861 Camino Real, Hermosa
Moninger, Mildred.....	1218 Biltmore, Pittsburg, Pennsylvania
Monroe, Anna May.....	2056 Fair Park Avenue
Moore, Frances E.....	530 North Avenue Fifty-four
Moore, Helen G.....	328 Lime Avenue, Long Beach
Moorman, Virginia J.....	1144 West Eighteenth Street
Morey, Eugene B.....	Box 250, Covina, California
² Morris, James William.....	2132 Laverna Avenue
Morrison, Lillian F.....	Pacific Palisades, Santa Monica
Morrow, Eva Pauline.....	5120 La Roda Avenue
² Mullard, Cameron Nesbit.....	588 North Berendo Street
Murphy, Lawrence.....	Woodlake, California
†Myles, Thomas William.....	2746 Boulder Avenue
Nay, Edward O.....	745 Oakland, Pasadena
Nay, Vivian.....	5252 La Roda Avenue
² Neale, Charlotte Eileen.....	128 Monterey, Alhambra
Nohnberg, Agnes.....	401 North "C" Street, Madera
² Obornolte, Burnell.....	Beaumont, California
Osborne, Sherrill.....	5238 College View Avenue
Osgood, Franklin.....	233 Walnut Street, Walnut Park
Paap, John J. A.....	248 Sinclair Avenue, Glendale
Papelka, William Stephen.....	Box 135, Orosi, California
Park, Stafford.....	Brea, California

¹ Parra, Anthony.....	1181½ North Eastlake Avenue
†Patterson, Clyde James.....	Baton Rouge, Louisiana
Peairs, Josephine.....	1707 North Avenue Fifty-three
Pierson, Myrtle LaVon.....	315 Newland Street
†Pigeon, William G.....	1318 San Jose, Alameda
Plane, Helen A.....	3402 East Fourth Street
Pomeroy, Arthur.....	16 East Forty-second Street, New York
² Porter, Frank Walter.....	2318 West First Street
Queenen, Minnie C.....	Route 3, Box 1677, Burbank
Ralls, Morgan Stanley.....	809 North Tamarand, Compton
Reavis, Ruth.....	1416 Calumet Street
² Reed, W. Taylor.....	2055 Addison Way
Remender, Orletha M.....	1603 Linden Avenue, Long Beach
Roberts, Mary.....	303 Orange, Santa Ana
² Robinson, Amy Esther.....	214 Tenth Street, Deming, New Mexico
Robinson, William C.....	2219½ La Verna Avenue
² Rozelle, Edwin Glenn.....	400 South Acacia Street, Compton
Samson, Louis.....	5116 Montzemua Street
² Shedd, Catherine Cutler.....	2303 Colorado Boulevard
² Sherer, Myrle.....	1400 Elm Avenue, Long Beach
¹ Schiefer, Vreeland.....	814 Vista Street, Hollywood
Schuckman, Mildred.....	302 West Foothill, Altadena
² Schulte, Beulah.....	1212 North Jackson, Glendale
Schweizer, Jack.....	2813 Jeffries Avenue
Schwiezer, Ward.....	2813 Jeffries Avenue
Shelly, Florence M.....	Box 385, San Fernando
Shoemaker, Owen.....	436 Kensington, Kansas City, Missouri
Shumaker, Ruth V.....	1671 West Twenty-third Street
Smith, Jean Neva.....	826 Lacy Street
² Smith, Leo Fred.....	1227 West Fifty-first Street
Sonnesyn, JaNette.....	Van Nuys, California
¹ Steele, Paul F.....	219 South Fremont Avenue
Summer, Gay.....	5307 Live Oak View
Swanson, Pauline R.....	1576 Munson Avenue
Tait, Roy.....	Phoenix, Arizona
Taylor, Charles.....	420 East Irvington, Huntington Park
Taylor, Mary Barbara.....	2711 Colorado Boulevard
Temple, Marjorie Mae.....	145 North Orange, Glendale
Thompson, Ellice Hope.....	Cashmere, Washington
Thompson, Elwood.....	131 North Avenue Fifty-four

Tilt, Judith.....	455 Bradford, Pasadena
VanDelinder, Herbert W.....	Box 18, Hueneme
Waddell, Malcolm M.....	209 South Irena, Redondo
¹ Wagner, James.....	612 North Marguerita, Alhambra
Walker, Carleton.....	523 North Central, Glendale
Walker, Kenneth Johnston.....	208 East Broadway, Anaheim
Wallace, Katherine.....	1921 South Oxford Avenue
Warren, Dorothy.....	4543 Alumni Avenue
² Watkins, Ralph Hewett.....	1613 Wayne, South Pasadena
¹ Watterson, Asthore C.....	Bishop, California
² Webb, Harold Carl.....	613 North Lucerne Boulevard
Weddington, Milo W.....	Lankershim, California
White, Celestia.....	Box 331, Paso Robles
Wiley, Frances Marie.....	Glendora, California
¹ Williamson, George W., Jr.....	Lankershim, California
Williamson, Oliver Kenneth.....	2241 Sunset, Bakersfield
¹ Wilson, Harlan L.....	San Jacinto, California
Winchell, Sarah O.....	903½ West Thirty-fifth Street
Wintz, Edward.....	722 Seward Street
Warrell, Elmer Patten.....	731 North Marengo, Pasadena
Wright, Frances E.....	619 Drexel Place, Pasadena
Wright, Mildred.....	217 South Helberta, Redondo
Yorba, Bernerdo.....	202 North Avenue Fifty-seven
Zellhoefer, Marie F.....	320 North Stoneman, Alhambra

SPECIAL

†Briggs, Carroll C.....	3716 Seneca
Burrows, Clinton.....	282 Vallejo Drive, Glendale
¹ Campbell, Louise.....	2635 West Avenue Thirty-five
†Dill, Charles.....	P. O. Box 155, Los Angeles
Ewers, Kathryn A.....	251 South Orange Grove, Pasadena
² Gardner, Mrs. Ailene R.....	336½ North Avenue Fifty-Seven
¹ Harris, Olive E.....	114 West Palm Avenue, Redlands
² Jensen, Raymond A.....	114½ South Hollenbeck Street
†Kerckhoff, Mrs. Marcia S.....	10 Terrace Villa, Pasadena
Liggett, Katherine.....	2644 Rimpau Boulevard
Maxson, Evelyn E.....	2030 Ridge View
² Tashimo, Robert.....	987 South Berendo Street

PART-TIME STUDENTS

Anderson, Leathy M.....	1927 Marengo, South Pasadena
Barbour, Helen M.....	2117 Woodland Way, Hollywood
*Beach, Rachel Ann.....	452 Holland
Braaten, Elvira E.....	854 North Dillon Street
Cartwright, Royden M.....	Zelzah, California
Carlson, Edith N.....	635 Elm Avenue, Long Beach
Chapman, Anamay.....	The O. Melveny School, Dist. 157, Los Angeles
Crabtree, Mattaline G.....	South Pasadena
Carr, Mary J.....	838 Arroyo Drive, Pasadena
Crandall, Evelyn.....	641 St. Paul Avenue
Daly, Estelle.....	San Fernando, California
Daugherty, Francis.....	100 East Commonwealth, Alhambra
Dinsmore, Beulah.....	Van Nuys, California
Eads, Evelyn.....	San Fernando, California
Ellis, Ruth M.	
Ehlers, Martha.....	North Alvarado Street
Eskey, Nettie D.....	San Fernando
Fick, Annie B.....	503 South Brand Boulevard, San Fernando
*Finley, Grace S.....	20225 Sherman Way, Van Nuys
Fisher, Gertrude J.....	355 Molino Avenue, Long Beach
Gooch, Sara E.....	5218 Vincent Avenue
Grant, Ruth C.....	Long Beach
Hanley, May E.....	1450 North Avenue Fifty-five
*Hayward, Lucy.....	324 La Paloma Avenue, Alhambra
Harding, Hazel L.....	622 Gilmore Street, Van Nuys
Harding, Prudence.....	622 Gilmore Street, Van Nuys
Hoist, Theresa B.....	738 Olive Avenue, Burbank
Howland, Stanley.....	3535 East First Street, Long Beach
Howe, Lucile M.....	396 Summit Avenue, Pasadena
Ireland, Frances.....	1000 East Ocean, Long Beach
Irish, Carrie.....	364 Mendocino, Pasadena
Jenkins, Mildred.....	725 East Sixth Street, Long Beach
Jones, Adda B.....	1015 Grand View
Langenhagen, Elsa B.....	245 North Manchester, Los Angeles
Little, Sara.....	251 West One Hundred and Second Street
Lynch, John K.....	14328 Victory Boulevard, Van Nuys
Lynch, Arline M.....	14328 Victory Boulevard, Van Nuys
McCabe, Nora P.....	6129 Salem Place, Los Angeles
McKenna, Alice O.....	316 Chamber of Commerce Building

Macdonald, Margaret.....	2944 North Fair Oaks, Pasadena
McCandliss, Charles.....	787 Lincoln, Pasadena
Matthis, Sue.....	1015 South Grand View, Los Angeles
May, Nettie.....	—75 Garfield Avenue, Pasadena
*Maxfield, George H.....	242 Orange Street, Covina
Mead, Harriet B.....	88 North Marengo, Pasadena
Mitchell, E. E.....	Y. M. C. A., Pasadena
Parks, Irma G.....	3424 East Second Street
Passmore, Edith.....	1048 Kensington Road, Los Angeles
Perkins, Frankie C.....	727 Angeleno Avenue, Burbank
Postle, Gertrude M.....	Van Nuys
Raddats, Jane.....	San Fernando
Reavis, Lorna.....	510 Braun Building
Roberts, Grace L.....	Porter Hotel, San Fernando
Steinmetz, Hulda M.....	6044 Hollywood Boulevard
Sturtevant, Emma.....	Baldwin Park
Stone, Mary O.....	4410 Avocado, Hollywood
Swaim, Raymond E.....	611 North Olive Avenue, Burbank
Swaim, Clara C.....	611 North Olive, Burbank
*Sawyer, Elizabeth B.....	134 South Avenue Twenty-four
Siewart, Walter R.....	925 North El Molino, Pasadena
Webster, Mae V.....	405 Mission Boulevard, San Fernando
Wyman, Carrie.....	479 Cypress Avenue, Pasadena
Walker, Amy.....	Pacoima, California
Wilson, Hattie.....	479 Cypress Avenue, Pasadena
Van Deinse, Lilian.....	56 Garfield Avenue, Pasadena

* Expect to receive the A.B. degree as of June, 1926.

SUMMARY OF STUDENTS BY STATES AND FOREIGN COUNTRIES

STATES	NO. STUDENTS	STATES	NO. STUDENTS
Arizona	9	<i>Brought Forward</i>	592
Alabama	1	Oregon	3
California	517	Pennsylvania	3
Colorado	3	South Dakota.....	4
Florida	1	Texas	4
Idaho	4	Utah	1
Illinois	10	Washington	5
Indiana	1	District of Columbia	1
Iowa	3	West Virginia.....	1
Kansas	5	Vermont	1
Louisiana	1	Wisconsin	6 621
Massachusetts	2		—
Michigan	3	OTHER COUNTRIES	
Minnesota	5	Argentina	1
Missouri	4	Canada	1
Montana	2	China	3
Nebraska	5	Hawaii	2
Nevada	1	Japan	1
New Mexico.....	4	Greece	1
North Dakota.....	3	Russia	4
New York.....	5	U. S. Territory—	
Oklahoma	1	Philippines.....	1 14
Ohio	2 592		—
Total Registration.....			635

GENERAL SUMMARY OF REGISTRATION FOR YEAR 1925-1926

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Graduate	10	20	30
Senior	57	53	110
Junior	62	39	101
Sophomore	83	84	167
Freshman	128	86	214
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Totals.....	346	289	635
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MAP OF OCCIDENTAL COLLEGE CAMPUS

(On opposite page)

COLLEGE BUILDINGS

and Minor Structures

- | | |
|--------------------------------------|--------------------------------------|
| <i>A.</i> Johnson Hall. | <i>J.</i> College Commons. |
| <i>B.</i> Fowler Hall. | <i>K.</i> Girls' Temporary Gymnasium |
| <i>C.</i> Mary Norton Clapp Library. | <i>L.</i> Bertha Harton Orr Hall. |
| <i>D.</i> James Swan Hall. | Residence Halls for Women. |
| Residence Hall for Men. | Grace Carter Erdman Hall. |
| <i>E.</i> Alumni Gymnasium. | (Proposed Building Not |
| (Under Construction) | Shown on Map) |
| <i>F.</i> Patterson Stadium. | <i>M.</i> Auto Sheds. |
| <i>G.</i> William Mead Orr Gate. | <i>N.</i> Superintendent of Grounds. |
| <i>H.</i> Tennis Courts. | <i>O.</i> President's House. |
| <i>I.</i> Heating Plant. | <i>P.</i> Hillside Theater. |
| | Open Air "Greek" Theater |

PRIVATE HOUSES

Professors, Fraternities, Sororities, Clubs

- | | |
|----------------------------|--------------------------|
| 1. Professor Esterly. | 11. Chi Rho Fraternity. |
| 2. Professor Smiley. | 12. Mr. Ellsworth. |
| 3. Mariposa House. | 13. Dr. Hardy. |
| 4. Delta Sorority. | 14. Gamma Sorority. |
| 5. Professor Ward. | 15. Professor Allison. |
| 6. Kenowan House. | 16. Professor Lindsley. |
| 7. Owl and Key Fraternity. | 17. Professor Stelter. |
| 8. Sigma Fraternity. | 18. Professor Bird. |
| 9. Beta Phi Sorority. | 19. O. M. A. Fraternity. |
| 10. Alpha Sorority. | |

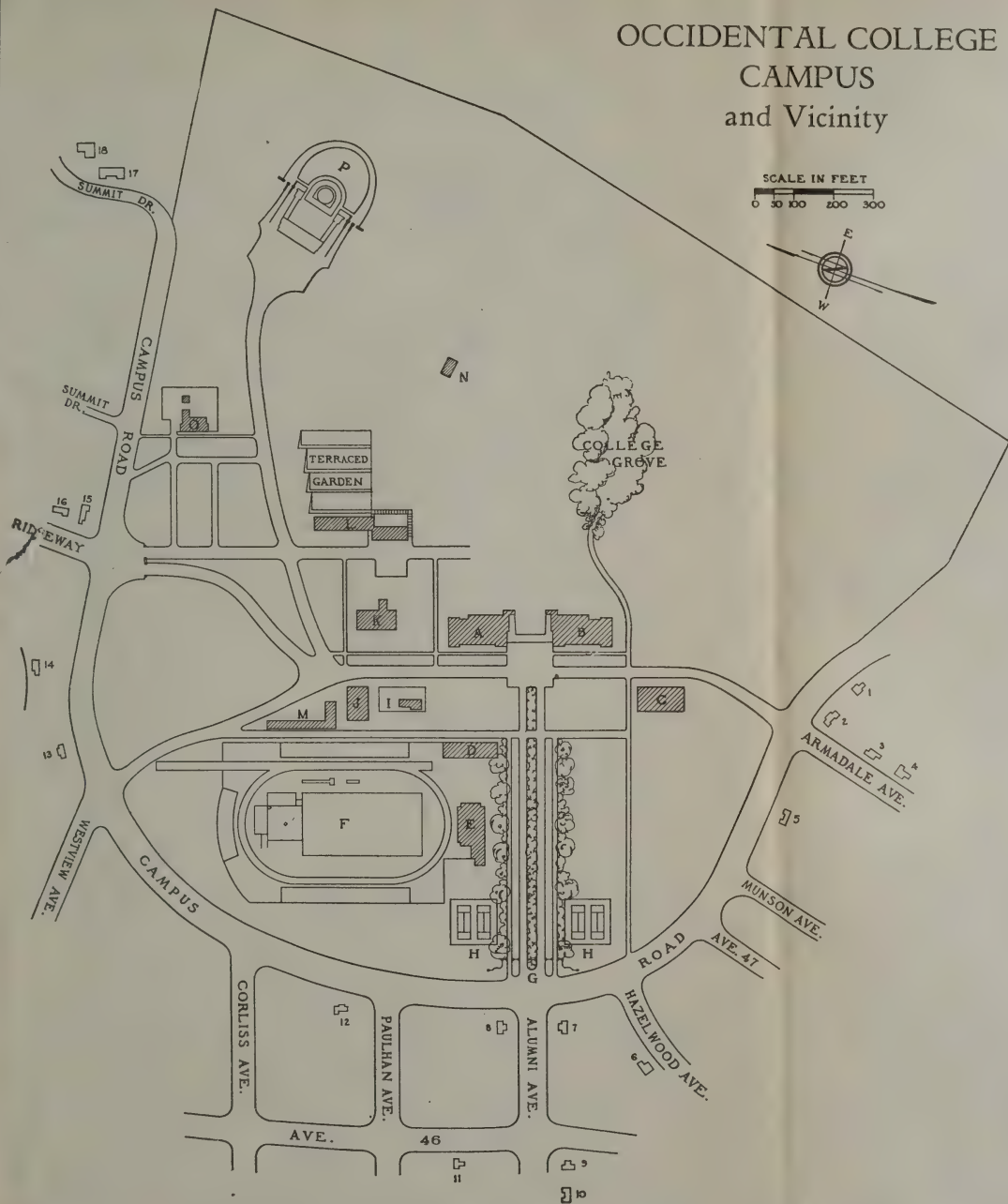
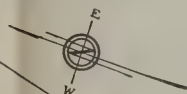
DIRECTORY

From downtown Los Angeles the campus may be reached by an Eagle Rock car taken on Broadway, or by a York Boulevard car taken on Spring Street. The better approaches by highways from downtown Los Angeles are: (1) North Broadway-San Fernando Road-Verdugo Road-Eagle Rock Avenue-Alumni Avenue route; (2) North-Broadway-Pasadena Avenue-York Boulevard-Armadale Street route.

From Pasadena on the east or Glendale on the west the College may be reached by Colorado Boulevard to Eagle Rock, thence south about three-quarters of a mile to the college. Auto busses operate from Pasadena to Glendale and Hollywood via Eagle Rock at frequent intervals.

OCCIDENTAL COLLEGE CAMPUS and Vicinity

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1927-1928

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LOS ANGELES, CALIFORNIA

New Series

JUNE, 1927

Vol. IV, No. 4

CORRESPONDENCE

In order to avoid unnecessary delay it is requested that the specific addresses indicated below be used on all correspondence in addition to the general post office address of *Occidental College, Los Angeles, California*:

Requests for College Bulletins and general information,—*The Secretary*.

Correspondence regarding major interests of the college, faculty appointments, general questions of policy,—*The President*.

Student affairs, scholarships, loan funds, academic work of students in college,—*Dean of the College*.

Inquiries concerning admission, advanced standing,—*Chairman of the Committee on Admission*.

Inquiries from entering women concerning assignment of rooms in the Residence Halls or in private homes,—*Dean of Women*.

Inquiries concerning rooming accommodations for men in Swan Hall or private homes,—*Dean of Men*.

Public events, lectures, Greek Theater,—*Chairman of the Committee on Public Events*.

Alumni affairs,—*Secretary of the Alumni Association*.

Business affairs, payment of fees and other charges, including dormitory rentals,—*The Comptroller*.

PUBLISHED QUARTERLY

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ANNUAL CATALOGUE

OCCIDENTAL COLLEGE

ANNUAL CATALOGUE

FORTIETH YEAR
1927-1928



PUBLISHED BY THE COLLEGE
LOS ANGELES, CALIFORNIA

JUNE, 1927

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CALENDAR FOR 1927

JANUARY							FEBRUARY							MARCH						
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CALENDAR FOR 1928

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28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
														30	31					

THE COLLEGE CALENDAR

1927

- June 15 *Wednesday.* Final date for receiving applications for entrance examinations to be given in September.
- September 12-14 *Monday to Wednesday, inclusive.* Entrance examinations at the College. Not required of freshmen admitted on certificate.
- September 16 *Friday.* MEETING OF THE FRESHMAN CLASS. Alumni Hall. Welcome by representatives of the administration and Associated Students of the College. Attendance required of all Freshmen. 10:30 a.m.
- Freshman men meet Faculty Advisers at lunch in the College Commons. 12 m.
- Freshman women meet their sponsors, Orr Gardens, 5 p.m. Reception of Freshmen by the Faculty of the College, Orr Hall. 7:30 p.m.
- September 17 *Saturday.* REGISTRATION OF ALL FRESHMEN. Chapel Exercises. 9:15 a.m.
- Explanation of course of study and method of registration. 9:30 a.m.
- Registration with Advisers, College Physician, Dean of Men and Dean of Women. 10 a.m. to 12 m., 1 to 4 p.m.
- September 18 *Sunday.* Vesper Services. President's Garden. 4 p.m.

- September 19 *Monday.* Chapel Exercises. 9:15 a.m.
Address by Dean of College on college rules and obligations. 9:30 a.m.
Informal talks on College Problems to men and women separately by the Dean of Men and the Dean of Women. 10 a.m.
Placement examinations for Freshmen. 2 to 5 p.m.
- September 20 *Tuesday.* REGISTRATION OF ALL ADVANCED STUDENTS. 9 a.m. to 12 m. 1 to 4 p.m.
- September 21 *Wednesday.* Recitations begin. 8 a.m.
First College Assembly. Alumni Hall. 11:00 a.m.
- September 23 *Friday.* Last day for changing study list without payment of special fee.
- November 4 *Friday.* Last day for discontinuing a course.
- November 24-25 *Thursday and Friday.* THANKSGIVING RECESS.
- December 16 *Friday.* CHRISTMAS VACATION begins. 4 p.m.

1928

- January 3 *Tuesday.* CHRISTMAS VACATION ends. 8 a.m.
- January 9-13 *Monday to Friday.* Consultation with Advisers concerning second semester study lists.
- January 19-26 *Thursday to Thursday.* Final Examinations, first semester.
- January 26 *Thursday.* MID-YEAR VACATION begins. 4 p.m.
- January 31 *Tuesday.* MID-YEAR VACATION ends.
REGISTRATION OF ALL STUDENTS FOR SECOND SEMESTER. 9 a.m. to 12 m. 1 to 4 p.m.

- February 1 *Wednesday.* Recitations begin, second semester. 8 a.m. Last day for filing application in candidacy for the Bachelor of Arts or Master of Arts degree to be conferred in June.
- February 22 *Wednesday.* WASHINGTON'S BIRTHDAY. A holiday.
- April 6 *Friday.* SPRING VACATION begins. 4 p.m.
- April 16 *Monday.* SPRING VACATION ends. 8 a.m.
- April 19 *Thursday.* FOUNDERS' DAY.
- April 27 *Friday.* Last day for removal of conditions by candidates for a degree in June.
- May 7 *Monday.* Last day for filing, in final form, thesis for Master of Arts degree to be conferred in June.
- May 9 *Wednesday.* PHI BETA KAPPA DAY.
- May 30 *Wednesday.* MEMORIAL DAY. A holiday.
- May 31-June 7 *Thursday to Thursday.* Final examinations, second semester.
- June 9 *Saturday.* ALUMNI DAY. Class Reunions at the College Alumni Banquet.
- June 10 *Sunday.* BACCALAUREATE SUNDAY.
- June 11 *Monday.* CLASS DAY. 10 a.m.
THIRTY-SIXTH ANNUAL COMMENCEMENT. Academic Procession. 5:45 p.m.
-
- September 14 *Friday.* MEETING OF THE FRESHMAN CLASS FOR THE COLLEGE YEAR, 1928-1929.
- September 18 *Tuesday.* REGISTRATION OF ALL ADVANCED STUDENTS.

Part I
BOARD OF TRUSTEES



OFFICERS OF THE BOARD

1927-1928

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ALPHONZO E. BELL	- - - - -	<i>First Vice-President</i>
GEORGE E. EMMONS	- - - - -	<i>Second Vice-President</i>
JED W. BURNS	- - - - -	<i>Treasurer</i>
WILLIAM S. YOUNG	- - - - -	<i>Secretary</i>
JOHN WILLIS BAER	- - - - -	<i>Honorary Chairman</i>

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FRED H. SCHAUER	219 San Marcos Building, Santa Barbara
RT. REV. W. BERTRAND STEVENS	619 South Figueroa St.,

Term Expiring January 31, 1929

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DR. HILL HASTINGS	1136 West 6th St., Los Angeles
HAROLD B. LANDRETH	Title Insurance Building, Los Angeles
JAMES GARFIELD WARREN	323 Lafayette Park Place, Los Angeles

Term Expiring January 31, 1930

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E. P. CLAPP, M.D.	300 Elevado Drive, Pasadena
ALBERT B. RUDDOCK	50 Oak Grove, Pasadena
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REV. WILLIAM STEWART YOUNG, D.D.	573 South Boyle Ave.,

Term Expiring January 31, 1931

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JAMES MARWICK	Braemar Ranch, Santa Barbara
MRS. DAVID B. GAMBLE	4 Westmoreland Place, Pasadena
ALMER MAYO NEWHALL	Newhall Building, San Francisco
J. ROY PINKHAM	I. W. Hellman Building, Los Angeles
HERBERT G. WYLIE	17 Chester Place, Los Angeles

Term Expiring January 31, 1932

ALPHONZO E. BELL	Bel-Air Headquarters, Los Angeles
FRANK P. FLINT	Title Insurance Building, Los Angeles
REV. ROBERT E. FREEMAN, D.D.	675 Magnolia Ave., Pasadena
RICHARD BRUCE CARR	2701 Claremont Boulevard, Berkeley

ALUMNI TRUSTEES

Term Expiring January 31, 1928

DANIEL S. HAMMACK	419 American Bank Building, Los Angeles
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Term Expiring January 31, 1929

FRANK N. RUSH	740 South Olive, Los Angeles
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Term Expiring January 31, 1930

WILLIAM E. ROBERTS	2651 Van Buren Place, Los Angeles
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COMMITTEES OF THE BOARD

COMMITTEES OF ADMINISTRATION

EXECUTIVE:

Robert E. Freeman, Alphonzo E. Bell, Jed W. Burns, George E. Emmons, Max Hayward, Albert B. Ruddock.

FACULTY AND STUDIES:

Glenn E. Huntsberger, Remsen D. Bird, Mrs. David Gamble, W. Bertrand Stevens, William S. Young.

INVESTMENT AND FINANCE:

Jed W. Burns, Alphonzo E. Bell, James Warren.

LEGAL:

Harold Landreth, Fred Schauer, Daniel Hammack.

COMMITTEES OF DEVELOPMENT

GROUNDS:

Alphonzo E. Bell, J. Hartley Taylor, Frank P. Flint, J. Roy Pinkham.

BUILDINGS:

Albert B. Ruddock, George E. Emmons, Hill Hastings, Max Hayward, W. Bertrand Stevens.

WAYS AND MEANS:

Herbert G. Wylie, Alphonzo E. Bell, Mrs. David Gamble, Frank Rush, J. Hartley Taylor, James G. Warren.

NOMINATIONS:

Remsen D. Bird, James Marwick, Almer Newhall, Albert B. Ruddock, Fred Schauer.

COMMITTEES OF CONFERENCE

RELIGIOUS LIFE:

W. Bertrand Stevens, Mrs. David Gamble, Fred Schauer,
James G. Warren, Hugh Walker.

LIBRARY:

Daniel Hammack, E. P. Clapp, James Marwick, Glenn Hunts-
berger, W. Bertrand Stevens.

MUSIC AND ART:

James G. Warren, Robert E. Freeman, Almer M. Newhall,
James Marwick, Herbert Wylie.

STUDENT INTERESTS:

Frank Rush, Arthur Buell, Daniel Hammack, Hill Hastings,
Harold Landreth, Almer M. Newhall.

HOUSEHOLD MANAGEMENT:

Max Hayward, Jed Burns, George E. Emmons, Mrs. David
Gamble, J. Hartley Taylor.

DEGREES:

Almer M. Newhall, Arthur Buell, Harold Landreth, W. Bert-
rand Stevens, Hugh Walker.



Part II

OFFICERS OF ADMINISTRATION AND INSTRUCTION



OFFICERS OF THE ADMINISTRATION

REMSEN DU BOIS BIBD, A.B., D.D.,	- - - -	<i>President</i>
THOMAS G. BURT, A.B., A.M., PH.D.	- - - -	<i>Dean</i>
ROBERT GLASS CLELAND, A.B., PH.D.	- -	<i>Dean of Men</i>
IRENE T. MYERS, A.B., PH.D.	- - -	<i>Dean of Women</i>
FRED F. McLAIN, A.B.	- - - - -	<i>Comptroller</i>
LOWELL J. CHAWNER, A.B.	- - - - -	<i>Registrar</i>
ARTHUR G. COONS, A.B., PH.D.,	- -	<i>Executive Secretary</i>
ELIZABETH JOHNSTON McCLOY, A.B.	- - -	<i>Librarian</i>
GEORGE FOX COOK, A.B., PH.D.	- -	<i>Assistant Librarian</i>
KENNETH SMILEY, A.B., M.D.	- - -	<i>College Physician</i>
JULIA A. PIPAL	- - - - -	<i>Adviser Social Activities</i>
OLIVE HUTCHISON	- - - - -	<i>Secretary to the President</i>
MABEL C. THAYER	- - - - -	<i>Assistant Registrar</i>
EDITH A. LAWRIE	- - - -	<i>Secretary to the Comptroller</i>
LUCILLE M. JACKSON, A.B.	- - - - -	-
- - - - -	-	<i>Alumni and Constituency Secretary</i>
- - - - -	- - -	<i>Secretary to the Registrar</i>
FLORENCE I. MITCHELL, A.B.	- - - -	<i>Office Assistant</i>
PHILIP G. McDUFFIE, A.B.	- - - - -	<i>Accountant</i>
THOMAS BERESFORD	- - - -	<i>Superintendent of Grounds</i>

THE FACULTY

- REMSSEN DU BOIS BIRD President's House, Campus
President of the College (1921)
 A.B. Lafayette College, 1909; B.D. Princeton Seminary, 1912;
 D.D. Lafayette College, 1919.
- ERNEST E. ALLEN 129 S. Avenue 53, Los Angeles
Professor of Mathematics (1902)
 A.B. Park College, 1899; M.A. Park College, 1903.
- WILLIAM B. ALLISON 1803 Campus Road, Los Angeles
Professor of Spanish (1922)
 A.B. Washington and Jefferson College, 1890; M.A., 1893.
- WILLIAM W. ANDERSON 600 N. Normandie Ave., Los Angeles
Instructor in Physical Education (1924)
 B.S. University of Illinois, 1917
- J. HUDSON BALLARD 1831 Woodrow Ave., Los Angeles
Professor of Religion (1926)
 A.B. University of Southern California, 1909; A.M. Columbia University, 1910; Ped. M. New York University, 1912; B.D. Union Theological Seminary, 1915; Ph.D. New York University, 1915.
- WILLIAM GORDON BELL 5629 Hub Street, Los Angeles
Professor of French (1909)
 Ph.B. University of Colorado, 1903; M.A. University of Colorado, 1904.
- FREDRICK LUCIEN BIRD 2030 Escarpa Drive, Los Angeles
Professor of Political Science (1922)
 A.B. Lafayette College, 1913; M.A. Columbia University, 1921.
- MIRA S. BIRD 2030 Escarpa Drive, Los Angeles
Instructor in Dietetics and Public Nursing (1922)
 R.N. Indiana, 1912.
- WILLIAM GEORGE BONELLI 2060 Escarpa Drive, Los Angeles
Assistant Professor of Political Science (1923)
 A.B. University of Southern California, 1916; M.A. Occidental College, 1924; J.D. Southwestern University, 1925.
- THOMAS G. BURT 5323 Aldama St., Los Angeles
Dean and Professor of Philosophy (1909)
 A.B. Hamilton College, 1895; M.A. Hamilton College, 1898;
 Ph.D. Kansas City University, 1901.
- JOHN F. B. CARRUTHERS 1015 Prospect Blvd., Pasadena
Extension Professor of Religious Education (1924)
 A.B. Princeton University, 1912; M.A. Princeton University, 1917; S.T.B. Princeton Theological Seminary, 1917; D.D. Lafayette College, 1924.
- ELBERT E. CHANDLER 1835 Woodrow Avenue, Eagle Rock
Professor of Chemistry (1909)
 A.B. William Jewel College, 1891; LL.B. University of Michigan, 1893; Ph.D. University of Chicago, 1906. *

- LOWELL J. CHAWNER 765 Summit Ave., Pasadena
Registrar and Assistant Professor of Economics (1924)
 A.B. Occidental College, 1921.
- *JEAN CHRISTIE 1761 North Fair Oaks Ave., Pasadena
Assistant Professor of French (1922)
 A.B. Wellesley College, 1915; M.A. Columbia University, 1916.
- WILKIE COLLINS CLARK 802 South Ogden Drive, Los Angeles
Coach of Baseball (1924)
 B.S. University of Maine, 1900.
- ROBERT GLASS CLELAND 1720 Fletcher Ave., South Pasadena
Dean of Men and Norman Bridge Professor of Hispanic-American History (1912)
 A.B. Occidental College, 1907; A.B. Princeton University, 1909;
 Ph.D. Princeton University, 1912.
- ALFRED N. COOK 5143 Townsend St., Eagle Rock
Professor of Chemistry (1924)
 B.S. Knox, 1890; Ph.D. Wisconsin, 1908.
- GEORGE FOX COOK 1117 North Avenue 54, Los Angeles
Librarian (1907)
 A.B. Baker University, 1893; Ph.D. Little Rock University, 1895.
- ARTHUR GARDINER COONS
Assistant Professor of Economics (1927)
 A.B. Occidental College, 1920; M.A. University of Pennsylvania, 1922; Ph.D. University of Pennsylvania 1927.
- MARY CARRUTH CUNNINGHAM 221 West Ave. 54, Los Angeles
Associate Professor of Art (1904)
 M.A. Occidental College, 1909.
- FRANCIS L. DAUGHERTY 100 East Commonwealth Ave., Alhambra
Instructor in Physical Education (1923)
- GEORGE MARTIN DAY 5218 La Roda, Eagle Rock
Professor of Economics and Sociology (1923)
 A.B. Hamilton College, 1905; M.A., 1908.
- RUTH BAKER DAY 5218 La Roda, Eagle Rock
Instructor in French (1926)
 Ph.B. De Pauw, 1904; A.M. Northwestern University, 1910.
- LAWRENCE D. EGBERT 2581 North Marengo Ave., Pasadena
Acting Professor of Political Science (1926-1927)
 A.B. University of Michigan, 1918; Docteur en Droit, University of Paris, 1926.
- WALLACE EMERSON 5336 Aldama St., Los Angeles
Assistant Professor of Education (1925)
 A.B. Huron College, 1916; M.A. Stanford University, 1923.
- CALVIN PARDEE ERDMAN Hotel Vista Del Arroyo, Pasadena
Professor of Religion (1922)
 A.B. Princeton University, 1915; M.A. Princeton University, 1921; S.T.B. Princeton Theological Seminary, 1921.

*On leave of absence 1927-1928.

THE FACULTY

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- *CALVIN O. ESTERLY 1481 Campus Road, Los Angeles
Professor of Zoology (1907)
 A.B. University of California, 1902; M.A. University of California, 1904; Ph.D. Harvard University, 1907.
- ALBERT A. EXENDINE 1634 Quaker St., Tulsa, Okla.
Coach of Football (1926)
 LL.B. Dickenson College.
- HAZEL E. FIELD
Assistant Professor of Zoology (1927)
 A.B. Western College for Women, 1912; M.S. University of Chicago, 1915; Ph.D. University of California 1927.
- DONALD MCCOY FRASER 2103 Ridgeview, Eagle Rock
Instructor in Geology (1926)
 B.A. University of Oregon, 1925; M.A. University of Oregon, 1926.
- ARTHUR F. GORTON 1054 Grover Street., Glendale
Assistant Professor of Physics (1926)
 A.B. Johns Hopkins University, 1912; M.A. Johns Hopkins University, 1914; Ph.D. Johns Hopkins University, 1915.
- OSGOOD HARDY 1763 Campus Road, Los Angeles
Assistant Professor of History (1923)
 A.B. Pomona College, 1910; A.B. Yale University, 1913; M.A. Yale University, 1911; Ph.D. University of California, 1925.
- EDITH D. HARTLEY 1873 Campus Road, Los Angeles
Instructor in Voice (1926)
 Pupil of Linscott and Graveure.
- WALTER E. HARTLEY 1873 Campus Road, Los Angeles
Director Department of Music and College Organist (1926)
 B.A. Yale, 1908; B. Mus. Yale, 1910; F.A.G.O. Pupil of Widor.
- SUSAN HAURY 4562 Alumni Ave., Los Angeles
Instructor in Piano (1926)
 Graduate Piano, Bethel College, Kansas; Teacher's Certificate, Peabody Conservatory, Baltimore, Pupil of Samaroff.
- CAROLINE EMERSON HODGSON 1040 Farnum Street, Los Angeles
Assistant Professor of Hygiene and Physical Education (1923)
 H.P.E. Wellesley College, 1910.
- WINIFRED HOOKE 963 North Oxford, Los Angeles
Instructor in Piano (1926)
 Graduate and Licentiate Royal Academy, 1911; Pupil of Buhlig.
- EDGAR HARRISON KIENHOLZ 5255 College View, Eagle Rock
Professor of Physical Education (1926)
 B.S. Washington State College, 1913; M.S. Washington State College, 1916.
- ERNESTINE A. KINNEY 1622 West Ave. 46, Los Angeles
Instructor in Education (1925)
 A.B. Occidental College, 1917; M.A. University of California, 1916.

*On Sabbatical leave 1927-1928.

- CHARLES F. LINDSLEY 2027 Ridgeview Ave., Los Angeles
Professor of Speech Education (1923)
 A.B. Ohio State University, 1915; M.A. Ohio State University, 1916
- GLENN LEMBKE
Teaching Fellow in Speech Education
 A.B. Occidental College, 1927.
- HUGH S. LOWTHER 330 Santa Anita Street, San Gabriel
Professor of Latin (1924)
 A.B. Syracuse University, 1899; Ph.D. University of Pennsylvania, 1904.
- WYNNE MACE 5851 Clinton, Los Angeles
Tennis Coach (1925)
- CARLYLE FERREN MACINTYRE 1820 Bushnell Ave., So. Pasadena
Assistant Professor of English (1924)
 A.B. University of Southern California, 1916; M.A. University of Southern California, 1920; Ph.D. University of Marburg, 1923.
- ROBERT GEORGE MARTIN 480 South Euclid Ave., Pasadena
Professor of English (1924)
 A.B. Brown University, 1904; M.A. Harvard University, 1905; Ph.D. Harvard University, 1910.
- MERRITT MOORE
Instructor in Philosophy (1927)
 A.B. Occidental College, 1924.
- VIRGIL FRANKLIN MORSE 13019 Branford Ave., Los Angeles
Asst. Professor of Mathematics and Mechanical Drawing (1922)
 B.S. California Institute of Technology, 1914.
- IRENE T. MYERS 450 South Grand Ave., Pasadena
Dean of Women and Professor of History (1917)
 A.B. Bethany College; Ph.D. Yale University.
- GEORGES NIVON 1571 Munson, Los Angeles
Associate Professor of Romance Languages (1926)
 A.B. State College of Washington; M.A. State College of Washington, 1921.
- JOHN PRICE ODELL 543 Elizabeth Street, Pasadena
Assistant Librarian and Associate Professor of English (1909)
 A.B. Northwestern University, 1894; M.A., 1909.
- WRIGHT M. PARGELLIS, C.P.A. 206 Central Building, Los Angeles
Lecturer in Accounting
 Graduate of Pace Institute, Los Angeles.
- JOSEPH PIPAL 4843 Baltimore Street, Los Angeles
Professor of Physical Education and Track Coach (1911)
- RAYMOND M. SELLE 1562 Munson Ave., Los Angeles
Assistant Professor of Zoology (1923)
 B.S. Occidental College, 1920; M.A. University of California, 1921.

THE FACULTY

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JOHN CUTLER SHEDD 2303 Colorado Blvd., Eagle Rock
Professor of Physics (1925)
 A.B. Princeton University, 1891; M.S. Cornell University, 1892;
 Ph.D. University of Wisconsin, 1899.

CARLETON A. SHEFFIELD 2219 Laverne Ave., Eagle Rock
Instructor in English (1925)
 A.B. Stanford University, 1923.

JAMES HUNTLY SINCLAIR 763 Oakland Ave., Pasadena
Professor of Education (1922)
 A.B. Oxford, 1911; M.A. Oxford, 1915; Ph.D. Syracuse University, 1916.

FRANK J. SMILEY 1493 Campus Road, Los Angeles
Professor of Botany and Geology (1916)
 A.B. Stanford University, 1913; M.A. Stanford University, 1914;
 M.A. Harvard University, 1915; Ph.D. Harvard, 1917.

BENJAMIN F. STELTER 2042 Escarpa Drive, Los Angeles
Professor of English (1921)
 A.B. University of Kansas, 1905; M.A. Yale University, 1909;
 Ph.D. Cornell University, 1913.

WILLIAM S. STEVENSON 736 Locust Ave., Long Beach
Professor of Sociology, Emeritus (1899)
 A.B. College of the City of New York, 1867; LL.D. Occidental College, 1909.

MARTIN JAMES STORMZAND 915 Orlando Ave., Los Angeles
Professor of Education (1926)
 A.B. Alma College, 1904; B.D. Princeton Seminary, 1908; Ph.D. University of Chicago, 1920.

ETHEL TAYLOR 1622 West Avenue 46, Los Angeles
Instructor in German (1926)
 A.B. Michigan, 1906; A.M. Stanford, 1925.

DAVID JEFFERSON TEVIOTDALE R.F.D. 3, Box 595, Pasadena
Instructor in Economics (1925)
 B.A. University of Alberta, 1920; M.A., 1921.

GUY A. THOMPSON 1815 Campus Road, Eagle Rock
Associate Professor of English (1920)
 A.B. University of Illinois, 1898; A.B. Harvard University, 1900; M.A. University of Chicago; Ph.D. University of Chicago, 1912.

JOYCE JEWELL TURNER 816 North Mariposa Ave., Los Angeles
Instructor in Speech Education (1925)
 A.B. University of California at Los Angeles, 1925.

- WILLIAM DENNIS WARD 1570 Hazelwood, Eagle Rock
Professor of Greek (1906)
A.B. Wabash College, 1881; M.A., 1888; Ph.D. Wooster University, 1898.
- KEM WEBBER 6707 Milner Road, Hollywood
Instructor in Art (1923)
Academy Applied Arts, Berlin.
- ROY WHEELER 1601 Campus Road, Eagle Rock
Teaching Fellow in Zoology (1926)
A.B. Occidental College, 1926.
- *IRA L. WIGGINS 6126 Burnwood Ave., Los Angeles
Assistant Professor of Botany (1925)
A.B. Occidental College, 1923; M.A. Stanford University, 1925.
- ARTHUR STERLING WILEY 3906 West First Street, Los Angeles
Assistant Professor of Romance Languages (1922)
A.B. Harvard University, 1922.
- JOHN PARKE YOUNG 573 South Boyle Avenue, Los Angeles
Professor of Economics (1926)
A.B. Occidental College, 1917; M.A. Columbia University, 1919;
M.A. Princeton University, 1920; Ph.D. Princeton University, 1922.
- AMANDUS ZOELLNER 527 Crescent Drive, Beverly Hills
Instructor in Violin (1926)

*On leave of absence 1927-1928.

COMMITTEES OF THE FACULTY

1926-1927

SECRETARY OF THE FACULTY:

Professor F. L. Bird.

ADVISORY:

The President, Deans Burt, Myers, Cleland, Professors Sinclair, Esterly, Bird.

STUDENT CONDUCT AND SCHOLARSHIP:

Deans Burt, Myers, Cleland, Professors Ward, Allen, Esterly, Lindsley, Chawner, Ballard, Mr. Wiggins.

ADMISSION, CLASSIFICATION AND REGISTRATION:

Professor Chawner, Deans Burt, Myers, Professors Smiley, Allen, Stelter, Hardy, Selle, Bonelli.

CURRICULUM:

Professor Stelter, Deans Burt, Cleland, Professors Sinclair, Chawner, Shedd, Lowther, Esterly, MacIntyre, Bird.

GRADUATE STUDY:

Professor Sinclair, Dean Burt, Professors Lowther, Stelter, Hardy, Shedd, Smiley, Young.

SCHEDULE AND EXAMINATIONS:

Professor Bonelli, Dean Burt, Professors Ward, Esterly, Stormzand.

PUBLIC EVENTS, LECTURES, MUSIC AND DRAMA:

Professors Lindsley, Allison, Smiley, Carruthers, Hardy, Chawner, Ward, Mr. McLain.

PUBLICATIONS:

Professors Chawner, Ward, Martin, Thompson, Lindsley, Miss Kinney, Mr. Fraser.

LIBRARY:

Miss McCloy, Professors Cook, Wiley, Lowther, Young, Martin, Smiley, Emerson.

GROUNDS, BUILDINGS:

Mr. McLain, Professors Smiley, Bell, Cook, Mr. Ellsworth, Mr. Anderson.

LABORATORIES:

Professors Shedd, Cook, Chandler, Esterly, Smiley, Morse, Selle, Mr. Wiggins, Mr. Fraser.

RELIGIOUS LIFE:

Professors Ballard, Allison, Day, Wright, Carruthers, Erdman, Cunningham.

SOCIAL LIFE:

Dean Myers, Mrs. Pipal, Mrs. Day, Miss Cutler, Professors Wright, Hodgdon, Ballard, Kienholz, Mr. Ellsworth.

CLUBS AND FRATERNITIES (WOMEN):

Dean Myers, Mrs. Pipal, Miss Kinney, Miss Cutler, Professor Cunningham.

CLUBS AND FRATERNITIES (MEN):

Professors Bird, Shedd, Day, Cleland, Lowther, Mr. McLain.

HEALTH:

Professors Hodgdon, Kienholz, Pipal, Dr. Smiley.

EXTENSION:

Professors Bird, Stelter, Smiley, Hardy, Selle, Chawner, Stormzand, Mr. McLain.

PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS (MEN):

Professors Esterly, Hardy, Sinclair, Lindsley, Kienholz, Pipal, Coach Exendine, Mr. Ellsworth.

PHYSICAL EDUCATION AND INTERCOLLEGIATE ATHLETICS (WOMEN):

Professor Hodgdon, The Misses Stearns, Kinney, Christie, Mrs. Pipal.

NEW PLAN (WOMEN):

Deans Myers, Burt, Professors Sinclair, Bonelli, Chawner, Erdman, Smiley, Hodgdon, The Misses Cutler, Kinney, McCloy, Mrs. Pipal.

NEW PLAN (MEN):

Deans Cleland, Burt, Professors Stormzand, Shedd, Stelter, Ballard, Young, Bird, Chawner, Kienholz, Lowther, Emerson, Mr. McLain, Mr. Ellsworth.

Part III

GOVERNMENT, HISTORY AND EQUIPMENT



GOVERNMENT OF THE COLLEGE

By the Articles of Incorporation the government of Occidental College is committed to a self-perpetuating association for maintaining the corporation under the laws of the State of California. The Board normally consists of thirty members, three of whom are elected from nominations made by the Alumni Association. Trustees elected at large serve for a period of five years and those elected from nominations from the Alumni Association serve for a period of three years. All Trustees must be citizens of the United States, members of an evangelical church, and a majority must be residents of California.

THE BOARD is empowered "to receive and to hold real and personal property; to erect buildings, established and maintained for educational purposes, with all power necessary to maintain and conduct a non-sectarian college of Liberal Arts and Natural Sciences; to grant such literary honors as are usually granted by any college of learning in the United States, and to give suitable diplomas under seal and signature of such officers of the College as shall be deemed expedient." It elects administrative, instructional, and other officers and determines the general policies of management and control. The Articles of Incorporation provide that "the teaching and management of the College shall always be in accord with that of the evangelical

Christian churches concerning fundamental doctrines of Christianity."

THE PRESIDENT, with the aid of the administrative officers and faculty, has power and authority in all the general administrative functions within the College. He appoints, in consultation with the Advisory Committee, the Standing Committees of the Faculty, which administer for the faculty within their various provinces.

THE PRESIDENT'S ADVISORY COMMITTEE, recognized in 1918 as an integral part of the Administration, is composed of the Dean, the Dean of Men, the Dean of Women, and three faculty members elected by the faculty. Executive acts relating to faculty position and tenure of office are submitted by the President to the Advisory Committee.

THE DEAN OF THE COLLEGE, as an administrative officer, assists the President, is a member of his Advisory Committee, and in general has charge of all matters pertaining to the interests of students.

THE DEAN OF MEN AND THE DEAN OF WOMEN, as administrative officers and members of the President's Advisory Committee, are respectively concerned with all matters pertaining to the interests of men and women in the College, including a general supervision of their boarding and housing conditions and of their social life. Each also acts in an advisory capacity regarding the general and personal plans and activities of men and women students.

THE COMPTROLLER is the chief business officer of the College. He is responsible to the Board of Trustees for the management of the college property, for the handling of all fees or moneys accruing to the college, and for such other duties as the Board may direct.

THE DEPARTMENTAL FACULTIES offer such courses as have been approved by the proper faculty committee, have direction of the work of instruction, and through the departmental heads administer the affairs of the departments.

IMPORTANT EVENTS IN THE COLLEGE HISTORY

- 1885—Pastors and laymen of the Presbyterian churches of Los Angeles organized under Rev. William Stewart Young, D.D., for the founding of a Christian institution of higher learning in Los Angeles.
- 1887—April 20th. "The Occidental University of Los Angeles" incorporated.
- 1888—Formal opening of institution, September 11th, under presidency of Dr. Samuel H. Weller.
- 1888—McPherron Academy, founded 1886, absorbed as part of the College.
- 1892—July 8th. With other changes in charter, the name of the institution became "The Occidental College of Los Angeles."
- 1893—First degrees granted.
- 1894—Alumni Association organized.
- 1905—Associated Student Body organized.
- 1910—Academy voted discontinued; instruction to close June, 1912.
- 1910—April 7th. With changes in charter, the College became non-sectarian.
- 1914—Establishment of the College on the present campus in Eagle Rock.
- 1921—The granting of the State High School Teachers' Credential in Physical Education authorized by the State Board of Education.
- 1922—Women graduates admitted to membership in the American Association of University Women.

- 1922—Graduate School established.
- 1922—School of Education established; granting of California Elementary and High School Teachers' Credentials authorized by the State Board of Education.
- 1924—January 1st. Campaign to add half million to endowment completed, with \$150,000 additional subscribed.
- 1924—Plan of enlargement of college to provide separate education for men and women announced. Conveyance by Mr. Alphonzo Bell, '95, and associates of land near Beverly Hills for site for College for Men accepted by Trustees.
- 1925—Board of Trustees enlarged to include three members elected from nominations by the Alumni Association.
- 1926—May 12th. Installation of the California Delta Chapter of Phi Beta Kappa at Occidental.

SUCCESSION OF PRESIDENTS

Following is the succession of Presidents of the College:

*SAMUEL H. WELLER, D.D., 1887-1891.

*J. M. MCPHERRON, A.M., 1891-1894.

*ELBERT N. CONDIT, A.M., 1894-1896.

J. W. PARKHILL, D.D., 1896-1897.

GUY W. WADSWORTH, D.D., 1897-1905.

W. S. YOUNG, D.D., (*Acting*), 1905-1906.

JOHN WILLIS BAER, LITT.D., LL.D., 1906-1916.

THOMAS G. BURT., PH.D., (*Acting*), 1916-1917.

SILAS EVANS, D.D., LL.D., 1917-1920.

THOMAS G. BURT, PH.D., (*Acting*), 1920-1921.

REMSEN DU BOIS BIRD, D.D., 1921—

*Deceased

LOCATION AND ENVIRONMENT

Occidental College is situated in the northern suburbs of Los Angeles, the metropolitan educational and cultural center of the Pacific Southwest. Its location affords the College exceptional opportunities of contact with representative national culture, particularly in regard to the arts, social sciences, religious education, and humanities. Several libraries and museums, containing collections of great scientific interest and value, are located in and about the city. Among these are the Huntington Library, with its world-famous collections of rare volumes; the Los Angeles Public Library of over six hundred thousand volumes; the Southwest Museum, containing a remarkable collection of early California and old Spanish records; the Otis Memorial Art Institute; the Clark Astronomical Museum; and the Art Museum and State Exhibit at Exposition Park. Within a few miles of the College are the Mt. Lowe and Mt. Wilson Astronomical Observatories. Los Angeles is well known as an artistic center in musical, dramatic, and graphic arts. Numerous exhibitions and concerts are held in the city annually; it is visited by all leading dramatic productions; its frequent conventions bring state and national discussion of political, social, and religious interests; its religious institutions afford opportunity for a rich and liberal spiritual education; and it numbers among its visitors many scholars and lecturers nationally and internationally famous. Because of these many educational advantages, Los Angeles is increasingly being recognized as a center of culture and learning.

The College Campus is in proximity to these interests, yet sufficiently removed from city distractions. The Campus is composed of nearly a hundred acres, resembling in shape a roughly drawn semicircle. Low

hills mark its diameter, while the curved portion includes a considerable section of valley. One of its charms, as seen from its highest point, is its diversity. Above its hills rise the Sierra Madre Mountains, including Mt. Lowe and Mt. Wilson. In two other directions the sky line is broken by Verdugo and Santa Monica ranges. A lower area toward the southwest gives direct access to the sea breeze, which purifies and tempers the atmosphere. The climate is unusually healthful and attractive, with an average temperature for the months during which the college is in session of sixty degrees, with a normal average rainfall of sixteen inches, confined chiefly to the months from December to March, and with sunshine practically every day of the year.

The natural topography of the site lends itself to the development of an attractive campus. The main entrance from Alumni Avenue is by the William Meade Orr Gate and through an ornamental drive lined on each side by graceful eucalyptus. The academic buildings, the library, and the hall of residence for men surround an attractive quadrangle at the foot of the hills which rise to the east. To the north and east of the quadrangle and farther up the slope are the residence halls for women. Ensconced in a clump of stately oaks on the northern edge of the campus is the residence of the President. A convenient natural hollow in the hills in the northeastern quarter of the campus has made possible the construction of a splendid open-air theater. The general landscape treatment of the campus with trees, shrubs, and lawn contributes toward a distinctly pleasing and congenial environment.

BUILDINGS AND EQUIPMENT

The present material equipment includes five major buildings and several secondary structures such as the Hillside Theater, the President's House, the College Commons and the Athletic Stadium. The structural frame of the academic buildings is of reinforced concrete, of class A construction, and strictly fireproof.

JOHNSON HALL is the gift of Mr. and Mrs. O. T. Johnson of Los Angeles, who are credited with various other generousities to the College. In Johnson Hall are located the Administrative offices, and approximately twenty rooms devoted to lecture and class room instruction. In the south end of the building is a chapel of Old English type, known as Alumni Hall.

Erected 1914.

FOWLER HALL was erected as a memorial to Eldridge M. Fowler of Pasadena by his daughter and grand-daughter. Fowler Hall provides commodious, well-arranged quarters for the department of natural sciences. The laboratories incorporate the usual facilities and adequate modern apparatus demanded for demonstration and experiment. Part of the first floor is occupied by the Young Women's Christian Association Hall and social room for women, the Young Men's Christian Association quarters, and locker rooms for men.

Erected 1914.

THE UPPER QUADRANGLE, an ornamental terrace which separates these buildings, is approached by broad flights of concrete steps. From the terrace itself similar steps lead to the second floor of either building.

THE MARY NORTON CLAPP LIBRARY is an anonymous gift in memory of the wife of Dr. E. P. Clapp of the Board of Trustees. In addition to the reference, periodical and stack rooms, which normally con-

stitute a well equipped library, this building also provides a number of seminar rooms particularly adapted to instruction in advanced and graduate courses.

Erected 1924.

Through the generosity of David B. and Mary H. Gamble of Pasadena, the College has been provided with a special endowment fund of fifty thousand dollars, the income of which is devoted to the purchase of books for the library, which at present contains twenty-five thousand volumes. Magazines, in file and current numbers, are also available. The advantages of the Los Angeles Public Library, containing over six hundred thousand volumes, are available to all members of the College.

JAMES SWAN HALL, at the west side of the main quadrangle, is a residence hall for men, erected by Mrs. Frances B. Swan of Pasadena as a tribute to her husband. On the ground floor is a large club room, well-furnished, with open fireplace, and home-like appointments. Special features of the dormitory are the sleeping balconies on the top floor. Of strictly fireproof, modern construction, the hall provides comfortable living quarters for men students at a reasonable cost.

Erected 1914.

BERTHA HARTON ORR HALL, the first unit of the group of residences for women, was given by Mr. William Meade Orr in memory of his wife. This comfortably appointed residence hall offers home-like living quarters, with modern equipment, to sixty students and to the Head Resident. It has hospitable living-rooms, kitchenettes on each floor, and a laundry and storage room in the basement. It is in general harmony with the permanent campus buildings, but its sunny arcades and gardens and picturesque galleries give it an individual charm.

Erected 1925.

THE COMMONS, located at the north of the quadrangle, furnishes accommodations adequate for providing the entire college with wholesome food at moderate cost. In the commons building are also housed the College Post Office, the Students Cooperative Store, and the several offices of the Associated Students.

THE WOMEN'S GYMNASIUM, situated north of Johnson Hall, contains rooms for examination and clinic, offices for the administration of the Department of Physical Education and Hygiene for Women, locker rooms, hot and cold baths, indoor and outdoor courts, modern apparatus, and other equipment required for training in physical education. The large indoor court provides ample space for mass drill or for assembly in an auditorium with capacity of five hundred.

Erected 1922.

THE W. C. PATTERSON STADIUM AND ATHLETIC FIELD, named in honor of a friend of the College, and for years one of its Trustees, was erected by Mrs. Patterson. The concrete bleachers at each side of the athletic field, with the covered grandstand at the north end, have a combined seating capacity of seven thousand five hundred. In connection with these structures, dressing rooms, lockers, and shower baths are provided. The enclosed athletic field provides football field, baseball diamond, track, and other equipment and facilities ample for physical training and outdoor sports.

Erected 1916.

THE TENNIS COURTS are the gift of Mr. A. E. Bell, a member of the first graduating class of the College and of the Board of Trustees.

THE ALUMNI GYMNASIUM is a reinforced concrete structure situated south of Patterson Stadium and provides a first class basketball floor and offices for the

Department of Physical Education for men. It was constructed from gifts by Alumni and the Associated Students. *Erected 1926.*

THE HEATING PLANT, centrally located, supplies steam heat in modern equipment for all the buildings.

THE PRESIDENT'S HOUSE is ensconced among the oaks at the north end of the campus. *Erected 1922.*

THE WILLIAM MEADE ORR GATE marks the main entrance to the campus from Alumni Avenue.

THE HILLSIDE THEATER. The first unit of this structure is the gift of the Eagle Rock Community, Mr. Alphonzo Bell, '95, Mr. William Meade Orr, Mrs. Calvin Pardee, and other friends of the College. In the main it is Greek in design, but has a raised stage and a circular orchestral pit approached by a stepped ramp. Though incomplete, the present theater has a seating capacity of approximately five thousand, and is equipped with storage space and dressing rooms beneath the stage on each side. The theater is noted for its picturesque location and for its remarkable acoustic properties. *Erected 1925.*



Part IV

ADMISSION TO THE COLLEGE



All correspondence concerning admission should be addressed to the Chairman of the Committee on Admission.

GENERAL REQUIREMENTS

Occidental College clearly recognizes the importance of sound moral character in addition to thorough academic work. Careful consideration is therefore given to the moral and intellectual qualities of each applicant as well as to his academic record in preparatory schools or other institutions previously attended.

Each applicant for admission must file an application with the Chairman of the Committee on Admission, and must furnish complete statements of his academic record and testimonials concerning his character and intellectual abilities. Forms for this purpose will be furnished upon request. Applicants for admission are classified as follows:

- 1—Admission to the freshman class:
By certificate from an accredited high school or by examination.
- 2—Admission with advanced standing from other colleges or universities or from junior colleges.
- 3—Admission as a special student.
- 4—Admission to the Graduate School.

For the statement concerning admission to the Graduate School see Part VIII of this catalogue. A further explanation of admission to undergraduate standing is given below.

TUITION FEE DEPOSIT

Each application for admission must be accompanied by a deposit of twenty-five dollars on the tuition fee

of the first semester before an applicant is placed on the accepted list. If for any reason the applicant is not admitted by the College the full amount of the deposit will be returned. Fifteen dollars of the deposit will be returned in case of withdrawal before September first. After that date no refund will be made.

1—ADMISSION TO THE FRESHMAN CLASS

For the years 1927-1928 and 1928-1929 the admission of Freshmen in September will be limited to approximately 250, and in February to approximately 50 students. A number of candidates who fully meet the academic, character and other requirements for admission will be placed on an accepted list in the order of their application. When this list is closed all applicants will be received on a competitive basis, the Committee on Admissions reserving the right to select those whose records, personality, and intelligence test scores indicate them to be best qualified to profit by the opportunities which the college affords.

The Committee will receive applications several months in advance and expects that all applications shall be in by June 1st for fall semester admission and by January 1st for spring semester admission. An applicant must be at least 16 years of age at the time of entrance.

PSYCHOLOGICAL TESTS

In addition to meeting the academic requirements listed below all candidates for admission to the freshman class are required to take one of the following psychological or college aptitude tests:

(a) The Psychological Test of the College Entrance Examination Board, given in June at several centers in the United States. All requests for information concerning these tests should be addressed to

the College Entrance Examination Board, 431 West 117th St., New York City, N. Y.

(b) The intelligence or aptitude tests given by the College. These examinations are given during the spring semester at several high schools in California, and in September at the College. For information concerning these tests address the Chairman of the Committee on Admissions, Occidental College, Los Angeles, California.

ADMISSION BY CERTIFICATE

Certified graduates of accredited preparatory schools who meet the following requirements are eligible for admission to freshman standing without entrance examinations:

1. Presentation of 15 or more standard entrance units including:

English	3 units
A Foreign Language (Latin, Greek, French, German or Spanish. The two units must be in one language)	2 units
Mathematics (Elementary Algebra, Plane Geometry)	2 units
United States History and Civics.....	1 unit
A Laboratory Science (Physics, Chemistry, Physiology, Biology)	1 unit
Electives (three or more of the six elective units must be presented in English, Mathematics, Foreign Language, History or Civics, Laboratory, Science, Geometric or Freehand Drawing, or Music Theory)	6 units

Total.....15 units

An entrance unit represents a year's study of thirty-six to forty weeks in any subject with daily recitations of not less than forty-five minutes each

or double the amount in laboratory work. A unit thus represents normally one-fourth of a year's work in a secondary school.

2. Presentation of an acceptable academic record. Of the fifteen entrance units listed above at least twelve units must be of recommended grade.
3. Personal recommendation of the candidate by the principal or other officer of the school as fitted to be admitted into the college by reason of his ability and scholarship, his seriousness of purpose, and his moral character. Provision for this statement is included in the recommendation blank furnished by the College.
4. Recommendations as regards character, personality, and ability by two persons,—the candidate's teacher, Occidental Alumni, or other persons sufficiently well acquainted with the candidate to give the information requested. The recommendations should preferably come from persons known to the College.

ADMISSION BY EXAMINATION

The following classes of applicants may qualify for admission by examination:

1. A graduate of a preparatory school not formally accredited who is strongly recommended by his principal. Such a candidate may take either the old plan examinations in each subject or the new plan comprehensive examinations in English (3 units), a foreign language (2 or more units), mathematics (algebra and plane geometry), and a fourth subject to be elected by the candidate (history, a laboratory science, a second foreign language, or additional mathematics).

2. A graduate of an accredited high school who fails to meet the requirements for admission by certificate. *Recent graduates of accredited high schools shall not be eligible for these examinations without presenting evidence of additional preparation either by tutoring, summer school work or other form of instruction.* Candidates in this class may elect the new plan comprehensive examinations, suggested above under 1, if they so desire. Otherwise they will take the old plan examinations in non-recommended subjects so that they may present a total of 15 units, either recommended or satisfactorily passed by examinations.

TIME AND PLACE OF EXAMINATIONS

The entrance examinations may be taken either in June or in September. The examinations in June are given at several places in the United States and Canada under the direction of the College Entrance Examination Board. Application for these examinations should be made directly to the Secretary of the Board, 431 West 117th Street, New York, N.Y.

In September, examinations essentially similar to the College Board Examinations are given at the College under the direction of the Committee on Admissions. Application for these examinations should be made before June 1st, directly to the Chairman of the Committee on Admissions, Occidental College, Los Angeles, California. A fee of two dollars is charged for each examination in each subject.

ADMISSION SUBJECTS

A list of admission subjects, with the amount of matriculation credit allowed in each, is given below. For a description of these preparatory subjects refer-

ence should be made to the announcement of the College Entrance Examination Board mentioned above. Subjects for which equivalent courses are offered in the College are marked with the dagger (†). Descriptions of these may be found in the announcement of Courses of Instruction.

No.	Units	
1a	English, Elementary ..	2
1b	English, Advanced, I.	1
1c	English, Advanced, II.	1
2a	Algebra, Elementary ..	1
2b ¹	Algebraic Theory, I..	½
2b ²	Algebraic Theory, II..	½
2c	Plane Geometry	1
2d	Solid Geometry	½
†2e	Plane Trigonometry ..	½
†2f	Plane Analytic Geometry	½
3a	Physics	1
3b	Chemistry	1
3c	Physiology and Hygiene	1
3d	Botany	1
3e	Zoology	1
3f	Biology	1
3g	Physical Geography ..	1
3h	Physical Science	1
4a	History and Gov. of U. S.	1
4b	History, Ancient	1
4c	History, Med. and Mod.	1
4d	History, English	1
†5a ¹	Greek, Elementary ...	1
†5a ²	Attic Prose	2
†5a ³	Attic Prose, Advanced.	½
†5a ⁴	Homer	½
5b ¹	Latin, Elementary, 1st year	1
5b ²	Latin, Elementary, 2d year	2
†5b ³	Latin, Advanced, 3d yr.	1
†5b ⁴	Latin, Advanced, 4th yr.	1
†5c ¹	French, Elem., 1 yr. of 5c ²	1
†5c ²	French, Elementary ...	2
†5c ³	French, Intermediate ..	1
†5c ⁴	French, Advanced	1
5d ¹	German, Elem., 1 yr. of 5d ²	1
†5d ²	German, Elementary ..	2
†5d ³	German, Intermediate ..	1
†5d ⁴	German, Advanced ...	1
5e ¹	Spanish, Elem., 1 yr. of 5e ²	1
†5e ²	Spanish, Elementary ..	2
†5e ³	Spanish, Intermediate ..	1
†5e ⁴	Spanish, Advanced ...	1
†6a	Freehand Drawing ...	1
†6b	Geometrical Drawing ..	1
7	Mechanical Arts ...	½-3
8	Agriculture	½-3
9abc	Home Economics ...	½-3
10a	Music, Sight Singing and Dictation	1
10b	Music, Elements of Composition	1
10c	Music, Instrumental and Vocal Technique	1
10d	Music, History of Modern European Music	1
11	Bookkeeping	1
12	Stenography and Typewriting	½
13	Military Science and Tactics	½

(Not more than three units may be elected from subjects 7, 8, 9, 10a, 10c, 11, 12 and 13.)

2—ADMISSION WITH ADVANCED STANDING

Students from other institutions of recognized collegiate rank and from well-established junior colleges will be admitted to such advanced standing as the faculty Committee on Classification may find just and equitable. *Advanced standing will be granted only on the basis of official transcript of records, which will be kept permanently on file in the College office, showing in detail the work completed in other institutions, the basis upon which the applicant was matriculated, and a statement of honorable dismissal.*

Early graduates of the State Normal Schools, who are also graduates of accredited high schools, may enter the College with a credit of thirty-two units and exemption from certain prescribed lower division work in physical education and hygiene. Forty-eight unadjusted units will be allowed when the applicant in one semester's work can complete the subject requirements for the junior certificate. Beginning with the 1921 graduating class of California teachers' colleges, this advanced credit may be increased to sixty units for two years' work, or more for three years' work, whenever the courses completed in the teachers' college have been substantially the equivalent of the work of the College. Credentials of graduates of teachers' colleges of other states are similarly evaluated. Should such students become candidates for the California High School Teacher's Credential they may be exempt from an additional one-half year of residence work required beyond the bachelor's degree.

In exceptional cases, permission may be given by the proper faculty committee to receive credit on examination for work equivalent to regular college courses, though not completed in an institution of recognized collegiate rank. Such examinations will cover

the work as given in the College. Formal application for such examinations, with satisfactory evidence of the work completed, must be presented to the Registrar. *No college credit toward graduation is given for excess entrance units.*

The amount of credit accepted on transcript will be limited for each semester to the amount allowed under the rules of Occidental College. In no case will advanced standing be granted beyond one hundred units. Applicants must in all cases meet the scholarship requirements of the College, and must fulfill the entrance, junior certificate, and graduation requirements before they will be recommended for the degree.

Advanced standing granted either on transcript of credits or on examination is provisional during the first semester of residence.

Students already admitted to the College should consult the Registrar or the major department before undertaking summer session work. Not more than six units from any one summer session of six weeks will be credited toward the degree, either in the case of regular students or of those transferring from other institutions.

3—ADMISSION AS A SPECIAL STUDENT

Persons of maturity, giving evidence of unusual ability, whose preparation does not qualify them for regular entrance to the College, are sometimes admitted as special students, not candidates for the degree. As such, they are subject to the same regulations as properly matriculated students, though they are permitted to enroll only in such courses as they seem prepared to undertake. On withdrawing from the College they will be granted certificates showing the work completed. They may become candidates

for the degree at any time by meeting all the entrance and College requirements.

A recent graduate of an accredited high school is not admitted as a special student. Such applicants must qualify for matriculation under the usual rules. On being regularly admitted, the student may, for sufficient reasons, be allowed to choose an elective or limited course of study; and upon special petition he may be excused from requirements in physical education and hygiene, provided he is not a candidate for the degree. He may subsequently become a candidate for the degree by meeting all the college requirements.

MATRICULATION DEFERRED

No student will be fully matriculated until he has successfully completed one semester at the College with a satisfactory record in scholarship. At the end of that time his record will be reviewed and his status determined in accordance with the rules governing scholarship.



Part V

PLAN OF UNDERGRADUATE STUDY



The regular undergraduate course extends normally through four academic years and leads to the degree of Bachelor of Arts. The first two years of the course are intended to provide a comprehensive but sound foundation in subjects such as English, the Social Sciences, Mathematics, the Natural Sciences, Foreign Languages, Religion, and Philosophy, a knowledge of the principles of which is generally considered essential to a liberal education. During the last two years of his course a student devotes himself largely to more intensified study in the particular major subject of his choice. In certain exceptional cases, discussed later under Suggested Courses of Study, a student may complete the fourth year of his course in an approved professional school.

BACHELOR OF ARTS DEGREE

The Board of Trustees will, upon recommendation of the Faculty, confer the Bachelor of Arts degree upon a candidate who meets the requirements for that degree. The Faculty may recommend a student for the degree whenever the requirements have been met and when so recommended at a time other than at the regular commencement the student is assigned to the class of the calendar year in which the recommendation is made.

The recommendation of the faculty for the conferring of the degree is contingent upon the satisfaction of the following requirements:

1—*The completion of one hundred and twenty-four units of college credit.* This credit must be based on

full satisfaction of all entrance requirements; and must be distributed in the proper manner over the work of the lower division, including all requirements for the junior certificate; and that of the upper division, including all requirements for the major and minor and for graduation. The requirements of the lower division and of the upper division are stated hereafter in detail. Certain exceptions are made in the case of students who are authorized to enter a professional school for the fourth year of their course.

Candidates for the degree and a state teacher's credential must complete the work required in practice teaching in addition to the one hundred and twenty-four units. Of the one hundred twenty-four units required for the degree not to exceed four units may be in physical education, gymnastics or sports. The election of work in any one department is limited to forty units.

2—*The attainment of a grade point ratio of 1 or better, i.e., the acquirement of a number of grade points equal to or greater than the number of units undertaken in the college.* Advanced credit from other institutions must also meet this requirement but will not be accepted as more than the equivalent of a grade point ratio of 1 in determining the general course average. The candidate must maintain an otherwise honorable and acceptable record, which must be free from all conditions at least six weeks before graduation.

3—*The establishment of at least one year of residence, two consecutive semesters, the final ones of the course, with a minimum credit of twelve units of residence work each semester distributed as provided under the requirements of the upper division.* For the purpose of this requirement residence courses are de-

financed as courses given during the regular academic week, as a part of the normal teaching load of members of the faculty, and under the direct administration of the Dean of the College.

THE LOWER DIVISION

The junior certificate marks the completion of the lower division. It signifies that with few exceptions all prescribed subjects not directly related to the advanced work in the major and minor have been completed either in the high school course or in the lower division.

For the junior certificate, sixty-four units of college work are required, based on full satisfaction of all entrance requirements. All candidates for the degree must have qualified for the junior certificate before proceeding to the work of the upper division.

The specific requirements for the junior certificate are indicated below. Some of these may have been met in part or in whole in the high school, though the fulfillment of any of these requirements in the high school does not diminish the number of units required after the admission to the College for qualification either for the junior certificate or for the graduation.

THE REQUIREMENTS ARE AS FOLLOWS:

1. Physical Education and Hygiene 4 units
The prescribed work of the freshman and sophomore years.
2. Religion 4 units
The prescribed course (Religion 23-24) of the freshman year, and a two-unit course to be elected one semester of the sophomore year.
3. Foreign Language 15 units
In not more than two languages. Each year taken in high school counts for three units. A beginning year-course in a language taken in college in fulfillment of this requirement must be followed by a semester course in that language. For a second modern language begun in college only sixty per cent credit will be allowed toward the degree.
4. Natural Science 12 units
Chemistry, Physics, or Biology taken in high school count for three units each in meeting this requirement, although not more than half of it may be so met. Work taken in college in fulfillment of this requirement must include at least two units of laboratory credit.
5. English 9 units
Three units of this requirement may be elected in Speech Education.
6. History, Economics, Political Science 6 units
The six units must be in one subject.
7. Mathematics, Philosophy 6 units
The six units must be in one subject. If Mathematics be chosen, the requirements may be partly met in high school, provided the courses be plane trigonometry (2e), or plane analytic geometry (2f), each counting as two units.

In accordance with the scholastic requirements, a minimum average grade point ratio of 1 is necessary for advancement from the lower division.

The fulfillment of the requirements for graduation relative to a course in American Institutions may be met in the lower division by election of Political Science 1-2.

ADVICE REGARDING LOWER DIVISION WORK

While a student is meeting the specific subject requirements of the lower division, he may enter upon the work of other departments which he wishes to include in his college course; or he is entitled, though a lower division student, to proceed to such upper division courses as he may properly elect, all prerequisites as set by the departments having been satisfied. These courses constitute a part of his lower division program. However, until all requirements for the junior certificate have been met, upper division standing cannot be attained; and units accumulated by students of lower division standing beyond seventy n number, either in lower division or in upper division courses, cannot be counted as part of the one hundred and twenty-four required for graduation. In the case of students transferring from other institutions, sufficient adjustment of this regulation may be granted on petition to the Dean to permit of advantageous pursuit of studies.

As early in the lower division as possible, every student should determine the major and minor he later wishes to pursue, in order that their prerequisites may be included in his program of lower division courses. When a major subject has been chosen, the head of this department becomes the student's faculty adviser.

It should be noted that while in the lower division a student should not elect more units in his proposed major subject than are permitted under the regulation which forbids more than forty of the one hundred and twenty-four units required for graduation in any one department; for in general from eighteen to twenty-four units must be completed in a major subject after the student enters the upper division.

THE UPPER DIVISION

The upper division covers the work of the junior and senior years, normally amounting to sixty units. Except in the case of students transferring from other institutions, a candidate for the degree is not registered in the upper division until he has been awarded the junior certificate.

The requirements of the upper division are as follows:

1—The completion of a minimum of fifty-four units of college credit after the student has entered the upper division, with additional credit sufficient to raise the total number of units completed in the lower and upper divisions to one hundred and twenty-four.

2—The inclusion of four units of Religion in the work of the upper division; *viz.*, an elective two-unit course one semester of each year spent in the upper division.

3—The completion of a course in American Institutions (see Political Science 101), unless the requirement has been met in the lower division (see Political Science 1-2).

4—The completion of a minimum of forty units of upper division courses, after the student enters the upper division, not less than twenty-seven of which are devoted to a major in one subject and a minor in a related subject, eighteen units being the minimum for a major and nine the minimum for a minor.

5—The attainment of an average grade point ratio of 1 in the work of the upper division as a whole. A student in the upper division, registered in a lower division course, may be required at the option of the instructor to complete additional work in the course.

MAJOR AND MINOR SUBJECTS

On entering the work of the upper division, following the receipt of the junior certificate, each student must have selected some one department in which he proposes to do his major work. From the time of such selection the advice of this department must be sought in planning the work of his program, including the choice of a minor, and his schedule must have the department's approval before he can register. The minor department advises regarding the specific work of the minor subject.

Complete information regarding major and minor requirements may be founded in the announcements of the several departments, especially as regards the number of units required or recommended in each, and prerequisite and prescribed courses.

The following general regulations relate to the administration of all departments, under the supervision of the Dean:

1—No department may require for any of its recommendations more than twenty-four units of upper division work in the major subjects, nor more than twelve units in the minor. Units required in excess of the minimum of eighteen and nine, for major and minor respectively, may be wholly or partly from specified courses in related departments. A student will be graduated upon completion of the minimum requirements in major and minor as specified in the announcements of the several departments.

2—Major departments shall be held responsible for the enforcement of the regulation providing that not more than forty units of the one hundred and twenty-four required for graduation may be elected by the student and counted in any one department.

3—A student transferring from another institution, who is granted senior standing, must complete eighteen of twenty-four units required in residence in the upper division, twelve of which must be in a major subject. Transfers of less than senior standing will be required to meet substantially all the regular requirements.

4—It is advised that students continue the work of the major department throughout the four semesters of the upper division. It is required that regular major courses be completed in each of three semesters, including the last two.

5—Each department may set its standard of scholarship requirements for majoring and minoring in the department somewhat higher than those required for graduation, provided the average grade point ratio required does not exceed 1.5. In general students who fail to attain an average grade point ratio of 1 in the work of the lower division of any department will not be accepted by that department as majors or minors. The recommendation of the major department is necessary for graduation. Each department shall report delinquent scholarship of its major students to the Dean at the close of each semester.

6—A change in the choice of a major, after the student has entered the upper division, may be made only on permission of the Dean and the consent of both the departments concerned. A change in a minor may be made on consent of the major department and the Dean. A student changing major or minor departments must meet all the requirements of the new department.

7—A change of major necessitated on account of a departmental disqualification in scholarship in the major subject may result in the student being placed on probation by the proper faculty committee; and a student so disqualified a second time may be disqualified by the College.

8—All departments in which any student is preparing a major for a teacher's credential require that the student consult the School of Education at the beginning of such work.

HONORS COURSE

A limited number of students in the upper division may read for honors in the major, minor, and professional subjects, under regulations laid down by the Curriculum Committee.

SUGGESTED COURSES OF STUDY

Each student who is looking forward to entering any of the professions or vocations indicated below should consult the following special advisers throughout his course:

<i>Business or Commerce</i>	- - - - -	DR. YOUNG
<i>Education, Teaching</i>	- - - - -	DR. SINCLAIR
<i>Engineering or Research</i>	- - - - -	
- - - - -		DRS. SHEDD, CHANDLER or SMILEY

<i>Law</i>	- - - - -	DR. BONELLI
<i>Ministry</i>	- - - - -	DR. BALLARD or DR. WARD
<i>Medicine or Nursing</i>	- - - - -	DR. ESTERLY
<i>Physical Education, Coaching</i>	-	PROF. KIENHOLZ

Other students should consult a member of the registration committee concerning their lower division courses of study, and their major professor concerning the upper division subject of their principal interest.

The courses of study suggested below are offered merely as tentative guides. They presume the completion of all entrance requirements.

1—*General Liberal Arts Course.*

Freshman Year: Physical Education (Gymnastics or Sports); English Composition; Religion (23-24); Intermediate Foreign Language (French, German, Spanish, Latin, or Greek); Physics, Chemistry, Botany, Zoology or Geology; and electives from lower division courses to make 16 units each semester.

Sophomore Year: Physical Education (Gymnastics or Sports); Foreign Language (unless met by excess in high school); History, Economics, or Political Science; Mathematics or Philosophy; and electives from lower division courses to make 16 units each semester.

Junior and Senior Years: Specialized study in major and minor subjects.

2—*Business or Commerce.*

Students planning to enter business or commerce should complete the following courses in the lower division in addition to the specified courses required for the junior certificate: Economics 1-2, 3-4, and 15 (Principles and Problems, Economic Geography, and Accounting Theory respectively), Political Science 1-2 (Principles), 12 (Business Law), or a year course in History are also recommended.

Junior and Senior Years: Advanced courses in the Departments of Economics and Political Science, chosen in consultation with the student's adviser.

3—*Education, Teaching.*

See Department of Education, Part VII.

4—*Engineering.*

Students contemplating entering professional courses in Engineering after the completion of their work at Occidental should

major in the department most nearly related to their interests, as follows:

Chemical Engineering, Department of Chemistry.
Civil Engineering, Department of Mathematics.
Electrical Engineering, Department of Physics.
Mechanical Engineering, Department of Physics.
Mining Engineering, Department of Geology.
Oil Engineering, Department of Geology.

Such students should have taken Chemistry, Physics, Solid Geometry and Trigonometry in high school. Their courses in College should from the first be planned in consultation with their major department, in which work should begin in the freshman year. A selected number of the following courses should be taken before graduation:

Freshman and Sophomore Years:

Chemistry 1-2, 3L-4L, 5L-6L, 7-8, 7L-8L.
Geology 11-12, 11L-12L, 14.
Mathematics, 3-4, 5-6, 7-8.
Physics 1-2, 1L-2L, 5-6, 5L-6L.
Technical Drawing 1-2, 3-4, 11-12, 15-16.

Junior and Senior Years:

Chemistry 101-102, 101L-102L, 103-104, 111L-112L.
Geology 112, 117-118, 119.
Mathematics 121-122.
Physics 121, 122, 121L-122L, 131-132.

5—*Law.*

Students preparing for subsequent professional work in Law should take the regular Liberal Arts course with particular attention in the lower division to History 1-2, 5-6, 7-8, Economics 1-2, Political Science 1-2 and 11, Speech Education 1-2 and Philosophy 3; and in the upper division to such courses in Political Science, Economics, and History as may be advised by the student's special adviser. The major subject may be selected in one of the last mentioned departments.

6—*Library Science.*

The Pre-Library curriculum is intended to lead to the nine-month course of instruction in library science which the Los Angeles Public Library offers in its Library School, conducted since 1891 and accredited by the American Library Association. The object of this school is thorough preparation for any aspect of library work. Since it is connected with the City Library, with its large collections and numerous branches, the student has exceptional opportunities for supervised practical work.

Broad preparation for this course in such departments as English, History, the Social Sciences, and Modern Languages is especially recommended. The student should complete the regular lower division requirements for the junior certificate.

A thesis, acceptable to both the Library School and to the major

department in the College, is required for the completion of this course.

In California a special credential, with qualifications similar to those of a regular high school teacher's credential, is required of high school librarians. Candidates for this credential must complete the full four-year course at the College, including the work in Education required for the high school teacher's credential, before entering the Library School.

Complete information regarding the work of the Library School may be obtained by addressing the Principal of the Library School, Los Angeles Public Library, Los Angeles.

Major department: English, History, or Political Science.

7—*Ministry.*

Consult special adviser.

8—*Medicine.*

Students planning to complete their professional instruction in Medicine in Class A Medical Schools are advised to arrange their courses of study very carefully with their major adviser. Attention is called particularly to the following courses in addition to those required for the B.A. degree:

Prerequisite: High school Chemistry.

Freshman Year: Chemistry 1-2 and 3L-4L; Zoology 1-2 and 1L-2L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together. Spanish will not be accepted in place of the last named requirement.

Sophomore Year: Zoology 101L and 107; Zoology 102, 102L; Chemistry 5L-6L, or 7-8 and 7L-8L; French or German, unless a credit of fifteen units has already been earned in one of them or in the two together.

Junior Year: Zoology 104 and 104L; Chemistry 5L-6L or 7-8 and 7L-8L; Physics 1-2 and 1L-2L.

Students in this course are advised to take Botany 3 and 3L (Bacteriology), Hygiene 3, Psychology 2, and Zoology 106, 108, and 108L, at some time during the course, as arrangements can be made.

Major department: Zoology.

In certain very exceptional cases the first year of Class A Schools of Medicine may, with the permission of the Head of the Department of Zoology, be permitted to count in lieu of the fourth year of the regular courses for the B.A. degree.

9—*College-Hospital Course.*

An arrangement has been made between Occidental College and certain hospitals whereby at the end of five years, three in the College and two devoted to practical nursing in the hospital (either the Pasadena Hospital or the Good Samaritan Hospital of Los Angeles), a student may obtain the degree of Bachelor of Arts and also meet in full the requirements of the Nurses' Registration Act as demanded of an accredited training school.

Attention is called particularly to the following courses in addition to those required for the B.A. degree:

Freshman year: Zoology 1-2, 1L-2L; Hygiene 5.

Sophomore Year: Zoology 101L, 107; Chemistry 1-2, and either 1L-2L or 3L-4L; Botany 3 and 3L (Bacteriology).

Junior Year: Zoology 108, 108L.

In addition, the following courses are required before the end of the first three years: Economics 1-2; Hygiene 1-2 and 3; Psychology 2; Mathematics 1 and 2, unless trigonometry and solid geometry have been offered for entrance; French or German sufficient to make the credit earned in these two languages in high school and college equal 15 units. Spanish will not be accepted in place of the last named requirement.

Major department: Zoology.

10—*Physical Education, Coaching.*

See School of Education, Part VII and "Department of Physical Education" alphabetically under Part X.

PRE-PROFESSIONAL COURSES

Although in certain cases a student may enter a professional school on the basis of the first three years of the regular four-year undergraduate course, it should be observed that many of the leading professional schools strongly encourage, and, in not a few cases, require, the four-year liberal arts course in preparation for professional study.



Part VI

EXTENSION AND SUMMER STUDY



AN ANNOUNCEMENT OF POLICY

Occidental has chosen to be essentially a residence college of the liberal arts and sciences. It is, therefore, the judgment of the Board of Trustees and the Faculty that extension and summer study are not within its special province but are more particularly the responsibility of the university as contrasted with the residence college. In keeping with this policy Occidental plans to discontinue its extension and summer courses in so far as possible by June 1927, that is, with the completion of courses now in progress.

During the past few years the college has, however, in connection with this work, incurred certain obligations. These obligations it plans to meet in every way possible and hopes that the discontinuance of the work may in no way seriously inconvenience students who are taking courses with Occidental. All persons who have already registered and matriculated in accordance with the rules of the college and who by June 1927 will be within twenty-eight units of fulfillment of the requirements for the A. B. degree may arrange with the college for the completion of their course. It is suggested that all others continue their work at one of the universities of the state which are splendidly equipped and organized to offer part time courses for teachers and other adult students.

Part VII

THE SCHOOL OF EDUCATION



ORGANIZATION

The School of Education was established for the purpose of providing professional courses for students preparing to teach in the public schools of California and neighboring states. It has been empowered by the State Board of Education to recommend properly qualified candidates for the following credentials: (1) the Elementary School Credentials, (2) the Junior High School Credential, and (3) the General Secondary Credential, in addition to (4) the Special High School Credential in Physical Education.

Arrangements have been made with neighboring public schools whereby excellent opportunities for practice teaching are provided.

ADMISSION AND REGISTRATION

Students with junior standing may be admitted to the School of Education as candidates for one or more of the credentials mentioned above, providing their records in lower division work indicate the probability of fitness of the candidates for the teaching profession. This includes, in addition to a satisfactory standard of scholarship, seriousness of purpose, and natural interest in the work.

Each candidate, before registering at the beginning of his junior year, must report to the office of the Professor of Education for consultation and advice as to majors, minors, and professional courses; after which he must prepare, under the supervision of the head of the department in which he is taking the major work, a tentative program of studies for final approval.

Graduates from institutions of recognized standing may be admitted as candidates for the General Secondary Credential providing they meet the requirements of the School of Education.

Graduates of normal schools and teachers of at least seventeen months' experience who become candidates for the General Secondary Credential are allowed certain exemptions by the State Board.

REQUIREMENTS FOR CREDENTIALS

Recommendations for the various credentials will be made in behalf of candidates as follows:

1. *For the Elementary Credential:*

Graduates of Occidental College will have completed a professional major in the Department of Education, in addition to a major or two minors in subjects which offer suitable preparation for public school teaching. The professional major must include Education 101 (two units), 111 (three units), 112 (two units), 114 (two units), 127 (two units), 130 (two units), 136 (four units), 138 (one unit).

A course in American Institutions (see Political Science 101) is also required.

2. *For the Junior High School Credential:*

Graduates of Occidental College who have completed twenty units in the Department of Education, including Education 101 (two units), 111 (three units), 112 (two units), 114 (two units), 127 (two units), 130 (two units), 133 (two units), 136 (four units); and a teacher's course in one of the subjects in which recommendation is sought.

A course in American Institutions (see Political Science 101) is also required.

3. *For the General Secondary Credential:*

Graduates of Occidental College, or of other insti-

tutions of recognized standing, whose undergraduate work has included properly selected majors and minors and who have completed one year of graduate work (twenty-four units) and twenty-one units in Education, including the following courses or their equivalents: Education 101 (two units), 114 (two units), 119 (two units) 127 (two units) 130 (two units), 178 (three units), 206 (four units), and a teacher's course in one of the subjects in which recommendation is sought; and also three units of electives.

A course in American Institutions (see Political Science 101) is also required.

4. *For Special Credentials in Physical Education:*
(See course of study outlined below).

For information in connection with exemptions for normal school graduates and teachers who have had at least seventeen months' experience, see State Board Bulletins No. 10 G. S. (revised April, 1925) and No. 10 J. H. (revised January, 1925).

All candidates for the General Secondary Credential must have completed at least one major (minimum of thirty units) and at least one minor (minimum of twelve units) in subjects taught in high schools.

All candidates for Elementary and Junior High School credentials are required to complete 128 units of undergraduate work, which should include certain courses in Speech Education, in addition to recommended courses in Psychology.

Professional work should be distributed in the following manner:

I. *Candidates for the Elementary Credential:*

(1) JUNIOR YEAR:

First Semester—

Education 101. Principles of Education T Th 5th
(This course may be taken in second semester of sophomore year by special permission).

Education 111. Educational Psychology M W F 2nd
 Education 130. Education for Citizenship T Th 3rd
 (For students who have completed Education 101).

Second Semester—

Education 114. Public Education in California T Th 4th
 Education 127. Technique of Teaching T Th 1st
 Education 130. Education for Citizenship T Th 3rd
 Education 112. Elementary Education M W 4th
 (For students who have completed Education 114).
 Education 138. Technique of Fundamental Subjects F 4th
 (For students who have completed Education 114).

(2) SENIOR YEAR:

First Semester—

Education 114. Public Education in Calif. T Th 3rd
 Education 112. Elementary Education, and F W 4th
 Education 138. Technique of Fundamental Subjects F 4th

or

Education 136. Practice Teaching (Arrange)

Second Semester—

(Same as First Semester)

II. Candidates for the Junior High School Credential:

(1) JUNIOR YEAR:

First Semester—

Education 101. Principles of Education T Th 5th
 (This course may be taken in second semester of sophomore year by special permission).
 Education 111. Educational Psychology M W F 2nd
 Education 114. Public Education in California T Th 5th
 (For students who have completed Education 111).

Second Semester—

Education 114. Public Education in California T Th 4th
 Education 127. Technique of Teaching T Th 1st
 Education 130. Education for Citizenship T Th 3rd
 Education 112. Elementary Education M W 4th
 (For students who have completed Education 114).

(2) SENIOR YEAR:

First Semester—

Education 112. Elementary Education, and M W 4th
 Education 133. Junior High School T Th 6th

or

Education 136. Practice Teaching (Arrange)

Second Semester—

Education 112. Elementary Education M W 4th

or

Education 136. Practice Teaching (Arrange)

III. Candidates for the General Secondary Credential:

Order of courses to be arranged by department according to preparation and needs of individual candidates.

IV. *Candidates for the Special Physical Educational Credential:*

FIRST YEAR:

<i>First Semester—</i>	<i>Credit Hours</i>
Foreign Languages - - - - -	3 or 5
Zoology 1, Principles of Zoology - - - - -	5
Religion - - - - -	2
English 1, English Composition - - - - -	3
Physical Education 1, General Gymnastics or Sports -	$\frac{1}{2}$
Electives - - - - -	3 or 0
Total - - - - -	16 $\frac{1}{2}$

<i>Second Semester—</i>	<i>Credit Hours</i>
Foreign Languages - - - - -	3 or 5
Zoology 2, Principles of Zoology - - - - -	5
Hygiene 2, Personal Hygiene, etc. - - - - -	2
English 2, English Composition - - - - -	3
Physical Education 2, General Gymnastics, intra-mural or varsity sports - - - - -	$\frac{1}{2}$
Electives - - - - -	3 or 0
Total - - - - -	16 $\frac{1}{2}$

SECOND YEAR:

<i>First Semester—</i>	<i>Credit Hours</i>
Speech Education 1, Fundamentals of Speech -	3
History, Economics or Political Science - - - - -	3
Psychology 1, Introduction to Psychology - - - - -	3
Physical Education 3, Gymnastics or Sports - - - - -	$\frac{1}{2}$
Religious Education - - - - -	2
English 61, Journalism - - - - -	2
Electives - - - - -	3
Total - - - - -	16 $\frac{1}{2}$

<i>Second Semester—</i>	<i>Credit Hours</i>
Zoology 8, Human Physiology - - - - -	5
History, Economics or Political Science - - - - -	3
Physical Education 4, Gymnastics or Sports - - - - -	$\frac{1}{2}$
Education 111, Educational Psychology - - - - -	3
English 62, Journalism - - - - -	2
Electives - - - - -	3
Total - - - - -	16 $\frac{1}{2}$

Physical Education 108, Physiology of Exercise, 2 units, will be taken in the second semester of the sophomore or junior year as an elective.

THIRD YEAR:

<i>First Semester—</i>	<i>Credit Hours</i>
Education 114, Public Education in California	- - 2
Zoology 101, Anatomy L	- - - - 3
Physical Education 103, Theory of Teaching and Leadership	- - - - 2
Physical Education 109, Kinesiology	- - - - 2
Technique of Coaching	- - - - 2
Physical Education 113, Growth and Development of the Child	- - - - 3
Electives	- - - - 2
Total	- - - - - 16

<i>Second Semester—</i>	<i>Credit Hours</i>
Education 130, Education and Citizenship	- - - 2
Zoology 101, Comparative Anatomy	- - - 2
Physical Education 106, Administration of Physical Education Department	- - - - 2
Religious Education	- - - - 2
Technique of Coaching	- - - - 2
Electives	- - - - 6
Total	- - - - - 16

FOURTH YEAR:

<i>First Semester—</i>	<i>Credit Hours</i>
Education 119, Principles of Secondary Education	- - 2
Physical Education 115, Methods in Play Activity	- - 3
Physical Education 127, Practice Teaching	- - 4 or 0
Electives	- - - - 7 or 11
Total	- - - - - 16

<i>Second Semester—</i>	<i>Credit Hours</i>
Methods of Health Activity	- - - - 1
Physical Ed. 105, Applied Methods in Formal Activities	3
Physical Education 127, Practice Teaching	- - 4 or 0
Physical Education 116, Methods in Play Activities	- 2
Electives	- - - - 6 or 10
Total	- - - - - 16
Methods in Physical Examination and Health Supervision, 4 units, must be taken as an elective either in junior or senior year.	



Part VIII

GRADUATE STUDY



ORGANIZATION

Graduate work is under the general direction of the Graduate Committee, which determines the graduate courses of instruction in the several departments, the regulations for admission, and the requirements for the graduate degree. It passes upon credentials of applicants for admission, receives and passes upon departmental recommendations regarding candidates, and nominates the same for the degree.

ADMISSION AND REGISTRATION

Graduates of colleges and universities of good standing are eligible for admission to graduate study in candidacy for the advanced degree in departments of study for which they are qualified by their previous work, or as special students, not candidates for a degree or honors. In exceptional cases, other persons of maturity and sufficient attainments may be admitted to graduate courses. An undergraduate of Occidental College, who lacks but twenty-four units or less of graduation, may be admitted to graduate work on recommendation of the head of his major department, subject to the approval of the Graduate Committee; provided that the schedule of the student does not exceed fifteen units, not more than twelve of which are undergraduate. Graduate courses so carried may subsequently be credited as graduate work.

Every student, upon beginning his graduate study, is required to register at the office of the Regis-

trar of the College, and must present, if a candidate for a degree, an official transcript of his college record. The student shall then consult the head of the department in which he proposes to do his major work. His schedule must have this department's approval before he can complete his registration.

Every graduate student is admitted subject to such general regulations of the College as are not altered by those of the Graduate Committee.

HIGH SCHOOL TEACHER'S CREDENTIAL

Graduate students who are candidates for the recommendation of the College for the California High School Teacher's Credential must also register with the Department of Education. The specific requirements for the credential are found under the statement of the School of Education.

FEES AND EXPENSES

A matriculation fee of five dollars is charged at the time of first registration. The tuition fee is one hundred dollars each semester for regular work. A pro rata tuition of eight dollars per unit is charged for partial work of less than twelve units. The tuition of a student not in residence, who is completing his thesis, is twenty-five dollars for the semester in which the thesis is presented. A graduation fee of ten dollars is payable thirty days before graduation. Statements of laboratory fees may be found in Part XI of this catalogue.

MASTER OF ARTS DEGREE

The Degree of Master of Arts is conferred upon students who have received a Bachelor's degree for a four-year undergraduate course from an institution of recognized standing, who satisfactorily meet the following conditions:

1. Approval by the major department of an undergraduate course in studies preliminary to those which the student intends to pursue in his graduate work. Additional undergraduate courses may be required by the department concerned in case the student's undergraduate work does not form sufficient unified basis for graduate work.

2. The completion of one year of graduate study in residence at Occidental College. Resident graduate work at an approved institution may be accepted as part of this requirement in so far as units are concerned, provided the character and quality of the work are satisfactory. In such case the minimum requirement for a year of resident study shall consist of not less than twelve graduate units during one semester and four such units during another semester.

3. The completion of a program of courses of instruction of advanced grade approved by the head of the department in which the major work is chosen. This program must include at a minimum twenty-four, and at a maximum twenty-eight units, inclusive of the thesis, which shall not be credited for more than four units. In case the student must complete additional undergraduate work the Graduate Committee may permit a program of not to exceed fifteen units per semester. A minimum of one-half of a student's graduate work must be completed in a single department. The remainder may be chosen, with the approval of the major department, in one or more minor departments so as to form a consistent plan of study. A minimum of eight of the required number of units in the major subject must be taken in courses numbered 200 or above. The work in any department may be partly or wholly made up of research or special study carried

on in residence under the direction or with the criticism and approval of the department.

4. A thesis is required of each candidate for the degree on some subject approved by the major department, under whose direction the work is done. The subject of the thesis must be announced to the Graduate Committee by the opening of the second semester of the year in which the candidate expects to take the degree. The department concerned must approve the subject matter and extent of the thesis, and must recommend it in its final form to the Graduate Committee at least four weeks before commencement. If accepted by the Committee, two typewritten copies in a standard prescribed form must be deposited with the College Librarian two weeks before commencement together with a small fee to cover cost of binding.

5. Under each department of study will be found a statement of any specific requirements for the degree in that department. No student may continue to major in a subject who does not meet with the approval of the department.

6. Candidates for the degree of Master of Arts must have met the requirements of the Act of the Legislature regarding a course in American Institutions. (See Political Science 101).

GRADUATE SCHOLARSHIPS

A limited number of scholarships yielding from one hundred to two hundred dollars per year are open to regular graduate students of high merit in various departments of study. These scholarships are intended primarily for those who expect to teach. A student receiving a scholarship may have its equivalent

remitted from his tuition fee for service rendered in the department in which he is doing his major work. Application for appointment to graduate scholarships should be made to heads of departments or to the Dean of the College.

DEPARTMENTS OF STUDY

At the present time the College offers graduate instruction for a minor in the following departments: Botany, Chemistry, Economics, Education, English, French, Greek, History, Mathematics, Political Science, Philosophy, Physical Education, Physics, Spanish, and Zoology.

Major work for the degree of Master of Arts may be pursued in Economics, English, History, French, Spanish, Chemistry, and Political Science.



Part IX

ACADEMIC REGULATIONS AND HONORS



REGISTRATION

REGISTRATION PROCEDURE

The payment of tuition, room rent, and student body fees is prerequisite to the general process of registration. (See part XI for fees and expenses).

On the regularly appointed registration day at the beginning of each semester each student who is entitled to register must complete the prescribed registration booklet. This booklet, showing the study lists of courses for which the student proposes to enroll and other essential information, must be approved by the student's proper adviser and counter-signed by a representative of the registrar's office. *Students previously matriculated who do not register on the day appointed for this purpose will be charged a special fee of \$3.00. Any student who fails to complete his registration booklet is not properly enrolled and may be denied all credit for the semester's work.*

STUDY-LISTS

Each student at the time of registration must select with the signed approval of his official adviser the course of study which he intends to pursue. All work for which college credit is desired must appear on the study-list. No student will be admitted to any classes or exercises of the College except as authorized by the certificate of registration and the study-lists of the student. It is expected that a student's study-list shall include all required work appropriate to the year of his course.

Lower division and special students may be advised by any member of the Committee on Registration. Upper division students must consult their major departments. Any special student or student in the lower division may, however, select the department in which he is chiefly interested or intends to do major work, and seek advice from this proposed major department. Students are advised to follow this plan, in order that they may have proper advice regarding the prerequisites and the nature and affiliations of their major interests.

Students contemplating work for a teacher's credential must consult the head of the School of Education on beginning the work of the upper division in order that requirements may be properly met.

AMOUNT OF WORK

The work of the College curriculum is measured in terms of "units." One unit is understood to represent one semester hour or one hour a week in the classroom throughout a semester, three hours ordinarily counting as one when devoted to laboratory or field work. Each unit of credit represents, for the average student, three hours of actual work each week throughout the semester; *e. g.*, one hour of recitation or lecture, and two of preparation or subsequent reading, or equivalent amount of work in the laboratory.

Twelve units of work per semester, exclusive of the required units in physical education, is the minimum and eighteen the maximum for which any student will be allowed to register for credit. During his first semester in the College, the maximum for any student, exclusive of required physical education, is sixteen units. Subsequently a student whose grade point average in any semester falls below, or whose record shows an "incomplete," "condition," or "failure," will be

limited to fifteen units or less in the following semester. In general it is advised that in the lower division a student's program should average sixteen units per semester, exclusive of required work in physical education, and in the upper division, fifteen units.

Permission to register for less than twelve units or for more than eighteen must be sought of the proper faculty committee on formal petition through the office of the Registrar. These requests will be granted only on urgent reasons and sound bases. In general such petitions are discouraged by the Committee. (See Part XI for fees for irregular registration).

CHANGES IN STUDY-LISTS

During the first week of a semester a student may change his study-list by addition, substitution, or discontinuance of courses with the consent of his adviser and the Registrar. Subsequent changes may be made only on petition to the proper committee through the office of the Registrar. Such petitions must have the approval of the major department, of the faculty adviser, and the instructors concerned. No course can be discontinued after the first six weeks of the semester. A course discontinued in other than the regular manner will be recorded as a failure.

A fee of two dollars is charged for each change in a study-list after the first Friday of the semester.

EXAMINATIONS

Examinations are held regularly at the close of each semester and the standing of students for the entire course is reported to the Registrar. Mid-semester examinations may also be required as a partial basis for mid-semester reports. Failure to take or to pass any regular, mid-semester, or other course examinations will result in such deficiencies and disqualifica-

tions as instructors may impose. These can be removed by examination on a date set by the faculty in each semester, or by a special examination, for which a fee of two dollars is charged. A like fee is charged for any similar special examination which any deficiency of a student's course may necessitate.

SCHOLARSHIP GRADES AND REQUIREMENTS

Results of examinations, semester reports, and the general average of the scholastic standing of a student in his entire course are indicated by the following system of grades:

Passing: 1, excellent; 2, good; 3, fair; 4, barely passing.

Not Passing: Incomplete (Inc), indicating that while the work done is of passing grade, yet portions remain unfinished due to illness or similar unavoidable causes, not the fault of the student. This mark is not given when work has been neglected. Illness and unavoidable causes must be so interpreted by the office of the Dean and the teachers must be notified in writing. It may be removed in such manner as the instructor may determine.

Condition (Con), indicating that work is not of passing grade. It may be removed by an examination covering the work involved. If removed, no grade higher than a 4 may be given. No Condition may be removed within two weeks after the close of the semester.

Failure (F), to be removed by repetition of the course.

An "incomplete" or a "condition" becomes a "failure" if not removed within one year of the date on which it was incurred.

In the Graduate School one of two marks may be given: "P," indicating satisfactory graduate work, and "F," indicating failing or unsatisfactory graduate work.

DISTRIBUTION OF GRADES

In the general practice of the members of the faculty, the distribution of grades depends upon the size, quality, and advancement in the curriculum of the classes, and admits of flexibility. It is normally considered in lower division required courses that 1 is applicable to five to fifteen per cent, 2 and 3 to thirty-five to fifty per cent, and 4 to five to fifteen per cent of students of passing grade.

GRADE POINTS

The standard of scholarship of a student is determined by taking a ratio between the total grade points earned during a given semester and the number of units, semester hours, for which the student was registered during that semester.

In estimating this ratio

A grade of 1 counts 3 grade points per credit unit.

A grade of 2 counts 2 grade points per credit unit.

A grade of 3 counts 1 grade point per credit unit.

A grade of 4 counts no grade points per credit unit.

A condition deducts 1 grade point per credit unit.

A failure deducts 2 grade points per credit unit.

An incomplete (given only by permission of the office of the Dean) is not considered in estimating the ratio.

SCHOLARSHIP REQUIREMENTS

Mid-semester reports on the work of students are required of all instructors, and students are notified of their standing. Final semester reports are sent to all

students. Parents or guardians will be notified when the student's scholarship is seriously delinquent.

Any student who fails in a given semester to earn a number of grade points equal to the number of units for which he is registered, is placed on probation and must limit his program of studies to fifteen or less units in the following semester. If he then fails in the following semester to earn a number of grade points equal to the number of units for which he is registered, he is disqualified from further attendance at the college.

Any student who in any semester fails to pass in ten units of work, is similarly disqualified, the ten units of work to be determined as of the last day of the semester in which the work was taken. When extenuating circumstances, such as prolonged illness, account for a student's disqualification, he may be permitted, on petition to the proper committee, to continue on probation until the next mid-semester.

All first disqualifications are for one semester, during which time a student's record will not be transferred with honorable dismissal. A second disqualification is permanent. All disqualifications become a part of a student's permanent record.

A minimum grade point ratio of 1 is required in the work of the lower division before a student can be granted the junior certificate, and in the upper division, as well as in his entire course, before he can be graduated.

The rules regarding scholastic standing in a major subject are stated under the rules governing majors and minors.

ATTENDANCE, LEAVE OF ABSENCE, HONORABLE DISMISSAL

ATTENDANCE

The College requires regular attendance of all students at the Chapel services and College Assemblies and at all classes for which they are registered. The rules governing attendance allow for a limited number of absences, but do not relieve the student from completing any of the work of the courses. In case of serious interruption of work during the semester, a student should apply to the Dean for formal leave of absence. Any student discontinuing his work without such formal leave, may lose his privileges of registration and forfeit his right to a clear transcript of credits.

A student in good standing, absent one or more semesters, may re-enter at the opening of any semester.

TRANSCRIPT OF RECORD AND HONORABLE DISMISSAL

On petition to the proper committee, honorable dismissal, with right of transcript of credit, will be granted to a student in good standing who voluntarily is severing his connection with the College. For such withdrawal, a student under twenty-one years of age must present a letter of explanation from parent, guardian, or physician. A graduate of the College or a student in good standing, or one who was in good standing at the time of his withdrawal from the College, may receive an official transcript of credit and accompanying letter of honorable dismissal upon request and the payment of a fee of two dollars.

CLASSIFICATION OF STUDENTS

The class in which a student is to be ranked is determined at the beginning of the college year on the basis of the following scale of credits:

Freshman: Fifteen entrance units, twelve of which are of recommended grade, which fully meet the entrance requirements.

Sophomore: Thirty units of college credit; but sophomore standing may be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to complete the lower division by the end of the year.

Junior: Sixty-four units of college credit and the completion of all other requirements for the junior certificate.

Senior: Ninety-four units of college credit in lower and upper division courses. Senior standing may, however, be granted after the beginning of the second semester if the courses for which a student is then registered together with the credit already earned will enable him to be graduated at the end of the year.

SCHOLASTIC HONORS

COURSE AND DEPARTMENT HONORS

On Commencement Day honors in scholarship are awarded to those students whose records qualify them for such distinction. First Honors are awarded on the basis of a minimum grade point ratio of 2.7; Second Honors, on a minimum grade point ratio of 2.4 Both apply to the work of any year or to the entire course of any student.

Class Honors are awarded to each member of any of the four classes or to any graduate student, whose

record for the year meets the requirements. For eligibility to Class Honors a student must maintain a record which shows at the end of the year: (1) no failure or unremoved incompletes or conditions; (2) at least twenty-four units of college credit earned during the year; (3) acquisition of rank in the next class.

Final Honors are awarded to each member of the graduating class who has won Class Honors each of the four years of his course, or whose grade point ratio for the four years equals the grade point ratio required for Class Honors. A student from another institution entering Occidental not later than the beginning of the junior year, will be eligible to Final Honors, provided in the judgment of the Committee on Classification his record for the preceding part of his course equals the qualifying standard. A graduate student who is a candidate for the degree of Master of Arts is eligible to Final Honors provided his undergraduate record is of qualifying standard.

Department Honors may be awarded to any member of a graduating class who has maintained a grade point ratio of 2.7 in twenty-four units of upper division work, either in the major department alone or in the major and minor departments combined. The heads of departments concerned have the privilege of naming the courses to be pursued, and of requiring such additional work as desired. Eligibility for Department Honors is based on a general grade point ratio not lower than 1.5 in the work of the candidate's entire college course. The head of a department in which honors are sought must be notified not later than the beginning of the second semester of the candidate's junior year.

VALEDICTORY AND SALUTATORY

The rank of Valedictorian is awarded to that member of each graduating class who stands highest in scholarship average for the entire course. The rank of Salutatorian is awarded to that member of each graduating class who stands second in scholarship average for the entire course. Students from other institutions entering Occidental later than the beginning of the junior year are not eligible for these honors.

THE PHI BETA KAPPA SOCIETY

The Occidental College chapter of Phi Beta Kappa is the Delta of California. The members in course are elected on the basis of scholarship and good moral character. "Not more than one-eighth of the best scholars of the senior class, who are candidates for the Bachelor of Arts degree, may be elected. *** Not more than one-third of this quota may be elected on the basis of their standing at the end of the junior year."



Part X



DEPARTMENTS OF INSTRUCTION

Lower division courses are numbered 1 to 99; upper division, 100 to 199; graduate courses, 200 and above. L added to a number denotes a laboratory or field course. Hyphenated numbers, as 1-2, indicate a year course. Though it is generally intended that such a course be pursued throughout the year, a student may receive credit for either semester without the other unless the course is designated "Throughout the year only." Consent of the instructor is prerequisite to entering any hyphenated course in the second semester.

Any undergraduate course for which fewer than five students are enrolled at the beginning of a semester may be withdrawn.

Upon completion of such additional requirements as may be set by the instructor, certain of the upper division courses may be credited as graduate work. Enrollment of upper division students in graduate courses is limited to seniors who have met, with high grade, such prerequisites as department may set.

The work of the College is mainly carried on during five days of the week. Classes begin at 8:00 a. m. and in general have finished by 3:30 p. m. Certain courses, primarily for teachers, are offered on Saturdays from 8:00 a. m. to 12:00 m. The schedule of classes published currently for each semester may be obtained on application.

BOTANY AND GEOLOGY

PROFESSOR SMILEY

MR. WIGGINS, *Assistant Professor of Botany*

(on leave of absence)

MR. FRASER, *Instructor in Geology*

BOTANY

MAJOR: Eighteen units in the upper division.

MINOR: Nine units in the upper division.

Prerequisite to the major: Botany 1-2, 1L-2L, 4. Zoology 1-2, and high school Chemistry or its equivalent. A reading knowledge of French and German is recommended.

Prerequisite to the minor: Courses 1-2 and 1L-2L.

LOWER DIVISION COURSES

1-2. Fundamentals of Botany.

Lectures with assigned reading, on the life of plants, their structure and classification. The first half of the course is concerned with the seed-plants; the second half with the cryptogams.

3 hours, throughout the year only. (6 units)

1L-2L. Elementary Botany Laboratory.

To accompany Course 1-2.

2 laboratory periods, throughout the year only. (4 units)

3. Bacteriology.

Lectures on the bacteria and other microorganisms, with laboratory practice in microbiological methods. To alternate with course 5. Not given in 1927-28.

Prerequisite: Chemistry 1-2 and either Botany 1-2 or Zoology 1-2, or equivalents.

2 lectures and 2 laboratory periods, first semester. (4 units)

4. Plants and Plant Communities of Southern California.

Laboratory and field study of the native ferns and seed-plants.

2 laboratory periods, second semester. (2 units)

5. Ornamental Plants.

Laboratory and field study of landscape gardening plant materials.

To alternate with course 3; given in 1927-28.

Prerequisite: Courses 1-2, 1L-2L, or Course 4.

2 or 3 laboratory periods, first semester. (2 or 3 units)

UPPER DIVISION COURSES

101. Algae and Cryptogamic Archegoniates.

Lectures, field, and laboratory work. Given in alternate years; not given in 1927-28.

Prerequisite: Courses 1-2, 1L-2L, or equivalents.

1 lecture and 2 laboratory periods, first semester. (3 units)

102. Fungi and Plant Pathology.

Study of morphology and classification of the fungi; lectures, laboratory and field work on the fungous and other plant diseases. Given in alternate years; given 1927-28.

Prerequisite: Courses 1-2 and 1L-2L, or equivalents.

2 lectures and 2 laboratory periods, second semester. (4 units)

103. Morphology, Taxonomy and Geographic Distribution of Spermatophytes.

Some field work required; not given in 1927-28.

Prerequisite: Courses 1-2 and 1L-2L, or equivalents.

2 or 3 laboratory periods, first semester. (2 or 3 units)

105. Plant Cytology.

Study of plant cells with practice in the methods of botanical micro-technique. Given in 1927-28.

Prerequisite: Courses 1-2 and 1L-2L or Zoology 1-2 and 112L, or equivalents.

1 lecture and 2 laboratory periods, first semester. (3 units)

106. Economic Botany.

A course concerned with the more important economic plants, especially those of California. Given in 1927-28.

Prerequisite: Courses 1-2 and 1L-2L, or equivalents.

2 lectures and 2 laboratory periods, second semester. (4 units)

107-108. Plant Physiology.

Lectures, laboratory work and assigned reading on the production and use of food and the reaction of plants to environment.

Prerequisites: Courses 1-2 and 1L-2L, or equivalent; some knowledge of Physics and Chemistry is essential.

1 lecture and 2 laboratory periods throughout the year. (6 units)

110. Forest Botany of the Pacific Slope.

Lectures, laboratory and field work on the principal forest trees and shrubs, special attention being given to their geographic distribution and economic value. To alternate with course 106; not given in 1927-28.

Prerequisite: Courses 1-2, 1L-2L, and 4, or equivalents.

1 lecture and 2 laboratory periods, second semester. (3 units)

GRADUATE COURSES

201. Teachers' Course.

See Education 201.

2 hours, one semester.

203-204. Research in Systematic and Geographic Botany.

Southern California with its diversified topography and climatic contrasts offers special opportunities for taxonomic and phyto-geographic investigations.

Hours and credit to be arranged.

GEOLOGY

MAJOR: Eighteen units in the upper division.

MINOR: Nine units in the upper division.

Prerequisite to the major: Geology 11-12, 11L-12L, 14, Chemistry 1-2 or entrance Chemistry, Mathematics 5, and Free-hand and Geometrical Drawing.

A reading knowledge of French and German is recommended.

Prerequisite to the minor: Geology 11-12, 11L-12L.

LOWER DIVISION COURSES

11-12. General Geology.

Lectures, with assigned reading, on physical and historical geology. 3 hours, throughout the year only. (6 units)

Students may also enroll for an additional unit per year by permission of the instructor.

11L-12L. General Geology Laboratory.

To accompany course 11-12.

1 laboratory period or field trip, throughout the year only. (2 units)

14. Mineralogy.

Lectures, with assigned reading, on the minerals of common occurrence or economic importance, including the elements of crystallography and practice in mineral identification.

Prerequisite: Matriculation Chemistry or Chemistry 1-2.

2 lectures and 2 laboratory periods, first semester. (4 units)

UPPER DIVISION COURSES

111. Physiography and Topographic Map Work.

A study of the modification of land surfaces and development of topographic form by geological agencies. A course designed for students preparing to teach science in secondary schools. Given in alternate years; given in 1927-28.

Prerequisites: Geology 11-12, 11L-12L.

2 lectures and 1 laboratory period, first semester. (3 units)

112. Lithology.

Lectures and laboratory work with assigned reading. Given in alternate years; not given in 1927-28.

Prerequisites: Geology 11-12, 11L-12L, and 14.

2 lectures and 2 laboratory periods, second semester. (4 units)

113-114. Regional Geology.

During the year 1927-28 the geography and geology of the Americas will be studied.

Prerequisite: Geology 11-12.

2 lectures throughout the year. (4 units)

115-116. Historical Geology.

Prerequisites: Geology 11-12, 11L-12L, only upper division students admitted. Given in alternate years, given in 1927-28.

3 lectures, throughout the year only. (6 units)

117-118. Economic Geology.

Given in alternate years; given in 1927-28.

Prerequisites: Geology 11-12, 11L-12L, and 14.

2 lectures throughout the year only. (4 units)

119. Field Geology.

Instruction in the methods of field work, including the manipulation of the more important instruments used by the field geologist in the preparation of maps and sections.

Prerequisites: Geology 11-12, 11L-12L, and Mathematics 5.

1 lecture and 2 laboratory periods, second semester. (3 units)

120. Geology and Mineral Resources of California.

Prerequisites: Geology 11-12, 11L-12L, 14.

2 lectures, second semester. (2 units)

121. Systematic Paleontology.

Given in alternate years. Given in 1927-28.

Prerequisites: Geology 11-12, 11L-12L.

2 lectures, 2 laboratory periods, first semester. (4 units)

CHEMISTRY

PROFESSOR CHANDLER

PROFESSOR COOK

MAJOR: Eighteen units in the upper division.

MINOR: Nine or more units in the upper division.

Prerequisite to the major or minor: Courses 1-2, or 3-4, and 3L-4L; other courses in the lower division sufficient to make 14 units altogether.

LOWER DIVISION COURSES**1-2. General Chemistry.**

COOK

For those without entrance chemistry. The class meets twice a week for lectures and demonstrations. Must be accompanied by course 1L-2L to satisfy the lower division requirements in science. 2 hours throughout the year. (4 units)

1L-2L. General Chemistry Laboratory.

CHANDLER

Laboratory course to accompany 1-2 for those without entrance chemistry.

2 laboratory periods, throughout the year. (4 units)

3-4. General Chemistry.

CHANDLER

For those with entrance chemistry. The class meets twice a week for lectures and demonstrations in General Chemistry and once a week in Qualitative Analysis.

3 hours throughout the year. (6 units)

3L-4L. Qualitative Analysis.

CHANDLER

Laboratory course to accompany 3-4 for those with entrance chemistry.

2 laboratory periods, throughout the year. (4 units)

5L-6L. Quantitative Analysis.

CHANDLER

Practice in the general methods of gravimetric, volumetric, and electrolytic determinations. This outline will be modified for those desiring to use each method during half the allotted time. At suitable times during laboratory periods there will be class discussions of principles and methods, and individual solution of typical examples.

Prerequisite: Course 3L-4L.

3 laboratory periods, including 1 hour drill, throughout the year. (6 units)

7-8. Organic Chemistry.

COOK

Lectures and Recitations on the aliphatic and aromatic compounds.

Prerequisite: Course 1-2.

2 hours, throughout the year. (4 units)

7L-8L. Organic Chemistry Laboratory.

COOK

Preparations and reactions of organic compounds.

Prerequisite: Course 7-8 completed or in progress.

2 laboratory periods, throughout the year for those majoring or minoring in Chemistry. (4 units)

1 laboratory period, throughout the year, if preferred. (2 units)

20. Dietetics and Cooking.

BIRD

A study of foods and food values, of the chemistry and physiology of digestion and of the varying requirements of the individual. Open to women only.

Prerequisite: One year in Chemistry.

2 laboratory periods of 3 hours each including 2 hours of lecture, second semester. (3 units)

UPPER DIVISION COURSES

Any of the year courses numbered 5L-6L, 7-8, and 7L-8L, may count as upper division courses and be included in the major or minor if taken in the upper division after the completion of 14 units in lower division courses.

101-102. Physical Chemistry.

CHANDLER

Lectures in the field of advanced chemistry, recitations, and readings. Given in alternate years with course 103-104.

Prerequisite: Course 7-8.

2 hours throughout the year. (4 units)

101L-102L. Physical Chemistry Laboratory.

CHANDLER

To accompany 101-102.

2 hours throughout the year. (4 units)

103-104. Industrial Chemistry.

CHANDLER

Consideration in detail of the processes employed in the chemical industries, and visits to neighboring plants. Given in alternate years with course 101-102. Not given in 1927-28.

Prerequisite: Course 5L-6L.

2 hours, throughout the year. (4 units)

105-106. Biochemistry.

COOK

A study of fats, carbohydrates, proteins, tissues, digestion, etc.

1 hour, throughout the year. (2 units)

105L-106L. Biochemistry Laboratory.

COOK

To accompany 105-106.

1 or 2 laboratory periods, throughout the year. (2 or 4 units)

111L. Advanced Chemistry Laboratory.

CHANDLER, COOK

Special methods of Quantitative Analysis, including water, gas, oil feed, food and electrolytic analysis; assaying, inorganic preparations; supplemental organic preparations and physical chemistry measurements. The student may choose from these subjects sufficient to complete his major, minor, or his graduate work.

Prerequisite: Consult department.

1 to 3 laboratory periods, either or both semesters. (1 to 6 units)

201-202. Teachers' Course.

CHANDLER

See Education 201.

1 hour, throughout the year. (2 units)

203-204. Seminar.

CHANDLER, COOK

Current chemical literature.

1 hour, throughout the year. (2 units)

220. Thesis for the Master of Arts Degree.

(Not to exceed 4 units)

ECONOMICS AND SOCIOLOGY

PROFESSOR YOUNG

PROFESSOR DAY

ASSISTANT PROFESSOR CHAWNER

ASSISTANT PROFESSOR COONS

MR. TEVIOTDALE

MR. PARGELLIS

MR. CLIFFORD

ECONOMICS

MAJOR: Twenty-four units in the upper division, of which three may be in closely related departments, subject to the approval of the department.

MINOR: A minimum of nine units required in the upper division.

Prerequisite to the upper division: Course 1-2 and Junior standing.

Courses offered in the related departments of Political Science and History are recommended.

LOWER DIVISION COURSES

1. Principles of Economics.

YOUNG AND CHAWNER

An introductory course dealing with fundamental principles of economics, value, price, wealth, wages, population and social welfare. This course is intended to develop clear reasoning on economic questions.

Prerequisite: Sophomore standing.

3 hours, first semester.

2. Economic Problems.

YOUNG AND CHAWNER

A continuation of course 1, dealing especially with money, prices, banking, insurance, tariffs, labor, immigration and international trade.

Prerequisite: Economics 1.

3 hours, second semester.

3-4. Economic Geography; History of Commerce.

DAY

The first semester deals with the influence of geography on industry and on the world's markets, and with the geographic location of raw materials. The second semester is devoted to an historical sketch of commerce and a study of commercial routes and modern methods of trade. This course is intended as an introduction to the courses in the international field.

2 hours, throughout the year.

7-8. Economic Development of Europe and the United States.

TEVIOTDALE

The first semester is given to a study of the economic history of Europe, with special reference to the industrial revolution, mechanical inventions, the factory system and labor conditions. The second semester deals especially with the development of the United States in agriculture, industry, transportation, and foreign commerce.

2 hours, throughout the year.

15. Elements of Accounting.

PARGELLIS

A study of the principles and methods of accounting, involving the opening of double entry books, adjustment and closing of books, controlling accounts, development of records, accounting statements, practical accounting problems adapted from actual experience.

3 hours, first semester.

16. Auditing.

PARGELLIS

Comparative balance sheets, making trial balances, computation of interest, accounts current, partnership accounts, realization and liquidation, business practice in problems related to the above.

Prerequisite: Economics 15.

3 hours, second semester.

UPPER DIVISION COURSES

101. Money and Banking.

YOUNG

A study of the principles of money, credit, banking, price movements, and financial organization. Particular attention is given to banking and currency conditions in the United States.

Prerequisite: Course 1-2.

3 hours, first semester.

102. International Trade and Finance.

YOUNG

A course dealing with foreign exchange, methods of financing foreign trade, protection and free trade, international payments, reparation and other financial problems growing out of the war; attention is given to the economic and financial relations of the United States with foreign countries, especially Latin America.

Prerequisite: Course 101.

3 hours, second semester.

103. Corporation Finance.

COONS

A study of the organization and financial policy of business enterprises. Advantages and disadvantages of the corporate form; promotion, source of capital. Case studies in the promotion, expansion, failure, and reorganization of corporations are required of the members of the class.

3 hours, second semester.

105. Public Finance.

BONELLI

Identical with Political Science 129.

3 hours, first semester.

106. Transportation.

TEVIOTDALE

A course in the development of transportation facilities, railroad and steamship companies. Rate making in theory and practice, the work of the Interstate Commerce Commission, problems of government control and private ownership and merger proposals will be considered. A survey of ocean transportation and of European and Canadian railway systems will be made.

3 hours, second semester.

107. Principles of Marketing.

TEVIOTDALE

This course offers a comprehensive survey of the field of marketing. Special attention is given to the conditions determining demand, the buying habits of the consumer, types of stores, methods of marketing, problems of finance, advertising, storage, selection and management of sales force. Primarily a senior course.

3 hours, first semester.

110. Investments.

CLIFFORD

A study of the principles governing security values and speculative investments. An analysis is made of the various types of investment securities and of their adaptability to various classes of purchasers. Open to seniors.

Prerequisite: Course 101 or 103.
2 hours, second semester.

112. Statistics.

YOUNG

Methods of handling and interpreting economic data; index numbers, price movements, business cycles and construction of charts.

Prerequisite: Course 101.
2 hours, second semester.

115. Corporation Accounting.

PARGELLIS

Capital stock, bonds and notes, revenue and dividends, funds and reserves, multiple unit organization, mergers, consolidations, reorganizations, holding and affiliated companies, syndicates; practice in opening and closing corporate records and books.

Prerequisite: Economics 15-16.
3 hours, first semester.

116. Cost Accounting.

PARGELLIS

Cost finding in manufacturing industries, practice in actual problems, accountants' reports on job cost systems, departmental cost systems and factory reorganizations; design, preparation and analysis of cost statements.

Prerequisite: Economics 115.
3 hours, second semester.

131. Advanced Economic Theory.

COONS

A course designed to present a thorough analysis of the principles of economics; current problems of production, distribution and exchange in which the concepts of value and cost, rent, interest, wages, and profits are involved.

2 hours, first semester.

132. History of Economic Thought.

COONS

A course designed to survey the development of economic science from the forerunners of the classical school to the present day, critically discussing the contributions of each school of thought, as well as recent tendencies.

Prerequisite: Economics 131.
2 hours, second semester.

135. Economics of Agriculture.

TEVIOTDALE

The position of agriculture in the economic system, the marketing of farm products, farmers' organizations, rural credit and conditions of rural life.

2 hours, first semester.

136. Financial History of the United States.

TEVIOTDALE

A study of the development of banking and public finance in the United States.

2 hours, second semester.

139. Oriental Economics and Finance.

COONS

A study of the economic factors in the relations between the Orient and the Occident including an historical survey of the growth of economic imperialism in the 19th century in the Orient; also a study of the industrial development of Japan and China, and the financial and economic relations of these countries with foreign powers, with special reference to present tendencies. (Open to students upon conference with the professor.)

3 hours, first semester.

141. International Economic Policies.

DAY

This course gives an historical survey of international economic relations, including a study of mercantilism and laissez faire; also a study of the development of present international economic policies such as the open door, economic expansion of advanced countries over backward countries, (with special reference to Africa) and commercial treaties. A survey is made of markets and raw materials and international labor organizations.

2 hours, first semester.

155. Labor Problems.

DAY

A brief historical sketch of the labor movement in England and the United States, followed by a detailed study of the major problems confronting both labor and capital. Occasional lectures by representatives of capital and labor will supplement class discussions. Supervised trips to factories and plants. Credited toward Sociology Minor.

2 hours, second semester.

GRADUATE COURSES

With permission of the department, upper division courses are open to graduate students, additional work required.

211. Economic Seminar.

YOUNG

Independent research upon selected topics. Primarily for graduate students; open to seniors with permission of the department.

2 hours, first semester.

SOCIOLOGY

MINOR: A minimum of nine units required in the upper division.

Prerequisite to the minor and to upper division courses: Course 1-2 or Political Science 1-2, or Economics 1-2.

Introductory courses in Biology and Psychology are strongly recommended.

LOWER DIVISION COURSES**1-2. Elements of Sociology; Social Problems.**

DAY

This course is an introductory study of social principles and problems pertaining to human relationships as expressed in social groups and institutions. Open to all students of at least sophomore standing. Exception will be made in favor of freshmen specially qualified.

Prerequisite to all other courses in the department.

3 hours, throughout the year.

UPPER DIVISION COURSES

151. Social Anthropology.

DAY

In this course social origins and the development of culture will be traced and a survey made of the civilizations of primitive peoples. The course is intended as a general introduction to the study of anthropology.

3 hours, first semester.

152. Social Control and Progress.

DAY

This course is a study of the processes of social organization, together with a detailed examination of the agencies of social control, such as custom, public opinion, social attitudes, law, education, religion, art, personality. Association, conflict, cooperation, leadership, and other forces which make for social progress will be considered.

3 hours, second semester.

153-154. Comparative Social Institutions.

DAY

A comparative study of social institutions and of modern social trends and movements and their leaders in Europe, Africa, and the Orient, with particular attention to the social and industrial revolutions in Russia, China, Turkey, and India. The bearing of these social influences upon international relations will be considered.

2 hours, throughout the year.

160. Race Problems.

DAY

An analysis of the role of race as a factor in civilization, together with a study of the problems arising from racial antipathies. Special attention will be given to the American Negro problem and to the Mexican and Oriental problems in California. Given in alternate years. Given in 1928-29.

2 hours, second semester.

EDUCATION

PROFESSOR SINCLAIR PROFESSOR COOK PROFESSOR STORMZAND
 ASSISTANT PROFESSOR EMERSON MISS KINNEY, *Instructor*
 DR. HUGHES, *Lecturer*

MAJOR: Eighteen units in the upper division.

MINOR: Nine units in the upper division.

Prerequisite to the major or minor: Consult department.

Prerequisite to upper division courses: Psychology 2.

Note—The major and minor named above are the academic major and minor, leading to the degree of Bachelor of Arts. For the meaning of these terms as used in the requirements for the High School Credential, see under "The School of Education."

UPPPER DIVISION COURSES

101. Principles of Education (Introductory). SINCLAIR

A general introduction to the field of education which gives a preliminary survey of the theories and general principles applying to education in a modern democratic society. This course, or its equivalent, is a prerequisite for all students seeking recommendation of department.

2 units, either semester.

105. History of Education, Earlier Period. COOK

A survey of the growth of education and its influence upon human progress. The course covers the period from the earliest times to the Renaissance.

3 units, first semester.

106. History of Education, Later Period. COOK

The history from the Renaissance to the present time is covered, particular attention being devoted to great thought movements and their bearing upon civilization and the advancement of learning.

3 units, second semester.

108. History of Education in the United States. EMERSON

This course is designed as a study of the development of our present system of public education. Emphasis on ideals and practices characteristically American.

2 units, either semester.

111. Educational Psychology. STORMZAND

This course is introductory in nature, designed to acquaint the student with the field of Educational Psychology. Specific problems in connection with the native equipment of human beings and the psychology of learning will be considered, and selected experiments in the latter field will be included.

3 units, either semester.

112. Elementary Education. SINCLAIR

This course should present the aim, function, work and attainable goals of the elementary school as a basic part of the American system of education. The course should deal with the specific problems of the elementary school in its relations with the community

and the other schools of the American series. There should be taken up in this course the several internal problems of administration, organization and control, with particular reference to the specific institutional curricular and extra-curricular ideals and objectives of the elementary school.

2 units, either semester.

114. Public Education in California.

EMERSON

A study of the structure, organization and administration of the California school system, as given in the School Law of the State, and as interpreted by the rulings of the State Superintendent of Public Instruction, the Attorney General, and the California courts. Intended to give to prospective teachers a conception of the historical development and the main features of the California school system. A required course for the teacher's credential in California.

2 units, either semester.

119. Secondary Education.

SINCLAIR

The evolution, scope and functions of secondary education, including the field of the junior high school, senior high school and junior college, secondary schools and other educational agencies in relation to social needs; presenting particularly the purpose, objectives and attainable goals for secondary schools and the several curriculum offerings of the modern secondary school.

2 units, second semester.

125. Organization and Supervision of Instruction

EMERSON

A study of the principles underlying the organization and supervision of classroom instruction, the art and technique of school-room supervision, the supervision of instruction in the different school subjects, and means for improving teaching and technique and the estimating of teaching efficiency.

2 units, either semester.

127. Technique of Teaching.

KINNEY

This course is intended for prospective teachers. It presents the general methods employed in the organization, instruction, and control of classes in the various branches of public school work. There will be definite assignments in the observation of teaching.

2 units, either semester.

130. Education for Citizenship.

SINCLAIR

An analysis of the ideals and habits essential for good citizenship, followed by a study of the part which each school subject and activity contributes to their development.

2 units, either semester.

133. Junior High School Education.

SINCLAIR

An intensive study of the nature and functions of the junior high school; its aims, purposes and objectives; its organization, curriculum and methods of instruction; objectives and functions of the subject matter and social programs in junior high schools.

2 units, first semester.

136. Practice Teaching.

KINNEY

Actual experience in teaching under supervision in the public schools of the city for at least five hours per week during one semester. Open to seniors who are candidates for Elementary or Junior High School Credentials. Conferences two hours per week. Not credited toward the A. B. degree.

4 units, either semester.

138. Technique of Fundamental Subjects.

EMERSON

A course for prospective elementary teachers, with special emphasis on the teaching of reading.

2 units, either semester.

142. Growth and Development of the Child.

EMERSON

A study of the mental and physical growth and development of the school child, with special emphasis on physical development and the physical basis of education, the general laws of growth, physical defects, the health of the school child, and preventive mental hygiene.

2 units either semester.

178. Mental Measurements.

EMERSON

This course will give the student an introduction to the field of mental measurements. The nature and use of standard tests will be studied. Sufficient elementary statistics procedure will be given as a basis for diagnosis.

3 units, either semester.

180. Educational Tests and Measurements.

EMERSON

A brief survey of the more important educational tests. Emphasis on the problem of administration, scoring and interpretation.

2 units, first semester.

GRADUATE COURSES

201. Teachers' Courses.

Teachers' Courses in special methods in connection with the preparation in teaching majors and minors are offered in various departments.

For further information concerning the above courses, see statements of departments concerned, under Course 201. None of them may be credited toward the degree of Master of Arts.

206. Practice Teaching.

KINNEY

Candidates for the High School Credential who are without teaching experience are required to complete one semester of actual teaching five hours per week in a city high school. This teaching, carried on under supervision, is supplemented by frequent conferences for discussion of problems. Not credited toward the A. B. or M. A. degree.

4 units, either semester.

236. Educational Seminar.

SINCLAIR

2 or 3 units, throughout the year.

ENGLISH

PROFESSOR STELTER

PROFESSOR MARTIN

ASSOCIATE PROFESSOR ODELL

ASSOCIATE PROFESSOR THOMPSON

ASSISTANT PROFESSOR MACINTYRE

MR. SHEFFIELD, *Instructor*

MISS GOODWIN, ASSISTANT

MAJOR: For graduation, twenty-one units in the upper division; twenty-four units in the upper division for students seeking the recommendation of the department for honors, graduate work, or a General Secondary Credential. A major should ordinarily include at least two units in advanced composition, three from courses 121-124, twelve from 124-148, and such other courses as 167-168 and 255-256.

All students majoring in the department, especially those who expect to pursue graduate work in English, should equip themselves with a reading knowledge of one or more of the foreign languages chosen from Greek, Latin, French, or German. A course in English History is advised for those not offering it for entrance. Speech Education 150, or its equivalent, is accepted as major work, and is required of all majors in the department seeking a teacher's credential.

MINOR: For graduation, nine units in the upper division; twelve units for students who seek the recommendation of the department.

Prerequisites to the major or minor: Course 1-2 and 51-52 or equivalents.

Prerequisite to upper division courses: Course 1-2; six units from lower division courses numbered above 50, or equivalent.

GRADUATE MAJOR:

1. For the Master's degree: Thirty-six units of upper division and graduate work in English, including two graduate seminars, or graduate year courses, or equivalents. For the General Secondary Credential: The equivalent of the recommended undergraduate major, and eight graduate units, or four in the case of teachers of not less than seventeen months' experience. The course in Oral Interpretation of Literature (Speech Education 150), or its equivalent, is also required.

2. Reading knowledge of at least one foreign language.

3. For the Master's degree, the presentation of an acceptable thesis.

4. The English Final Examination. These examinations, oral or written, are a comprehensive test of the student's habits of study, thought, and expression, as well as of his knowledge of the subject matter involved. The examinations cover the following points, all of which must be satisfied, at least three by formal examination, by all candidates for the General Secondary Credential and graduate degree:

- i. The general history of English Literature, its chief masterpieces, and methods of study. Formal examination required.
- ii. One or more of the main periods, types, or authors. May be met by satisfactory work in upper division courses aggregating not less than six units.

- iii. The development of the English language, and principles of linguistic study. May be met by from four to six units from courses the equivalent of 121 to 124.
- iv. Standard principles of literary criticism applied to types and forms. May be met by course 255-256.
- v. Organization and presentation of thought, oral and written. May be met by courses in advanced composition and Speech Education.

LOWER DIVISION COURSES

A. Essentials of Composition.

Required in connection with course 1-2, or subsequently, of all students whose work shows deficiency in the essentials of composition.

1 hour, either semester. (no credit)

1-2. English Composition.

THE STAFF

Introductory course. Required for graduation and prerequisite to all upper division courses. Must be completed or in progress before any other lower division course may be taken in this department.

3 hours, throughout the year. (6 units)

51-52. History of English Literature.

THE STAFF

A thorough survey; required, or its equivalent (see 53-54), of students who intend to major or minor in English. Either semester may be taken separately. Students may not elect both this course and 53-54.

Prerequisite: Course 1-2, completed or in progress.

3 hours, throughout the year. (6 units)

53-54. Types of Literature.

THE STAFF

A general survey course or a series of courses in the historical and critical study of various types of English literature: (A) the essay, (B) the drama, (C) the novel, (D) the narrative and lyrical poetry, (E) the epic, (F) the short story, (G) biography and letters. Either the survey or one or more of the types is offered each year.

Prerequisite: Course 1-2, completed or in progress.

2 hours each, throughout the year. (4 units)

61-62. Journalism.

SHEFFIELD

News writing. Either semester may be taken separately.

Prerequisite: Course 1-2, completed or in progress.

3 hours, throughout the year. (6 units)

UPPPER DIVISION COURSES

Certain courses of the upper division are given as indicated in alternate years. Upon completion of additional requirements courses 121 and following may be credited as graduate work.

101. Advanced Composition.

THE STAFF

The theory and practice of:

A—Narrative and descriptive writing.

B—The informal essay.

C—Expository writing.

D—Literary criticism.

E—Editorial and critical writing.

F—Short story writing.

One or more of the types is offered each year.

2 hours, one semester.

110. Versification.

MACINTYRE

A study of the principles and forms of English verse; practice in verse writing.

1 hour, second semester.

121-122. Old English.

THOMPSON

Elements of Old English grammar, with readings; survey of the literature of the period and the history of the language. Not given in 1927-28.

3 hours, throughout the year. (6 units)

124. The Period of Chaucer.

STELTER

The life and times of Chaucer; readings principally in the *Canterbury Tales* and in *Troilus and Criseyde*; survey of Middle English grammar and literature.

3 hours, second semester.

128. Development of the Drama.

MARTIN

From the beginnings to the closing of the theatres in 1642, exclusive of Shakespeare. Miracles, moralities and interludes; Shakespeare's predecessors, contemporaries and successors.

3 hours, second semester.

130. Shakespeare.

MARTIN

Reading of all the work of Shakespeare; his dramatic art; theatrical and social background of the period.

3 hours, first semester.

132. Shakespeare.

MARTIN

Intensive study of two plays.

2 hours, second semester.

135. The Period of Milton.

STELTER

The life and times of Milton (1625-1660); his poetry and most important prose; the "metaphysical," the church, and the cavalier poets; prose writers.

3 hours, first semester.

136. The Classical Period.

THOMPSON

The background, the literary movements, and the major poets and prose writers of the period (1660-1780). Not given in 1927-28.

2 hours, second semester.

137. The Romantic Period.

MACINTYRE

The rise of romanticism; Wordsworth, Coleridge, Byron, Shelley, Keats; other writers of verse and prose of the period (1780-1832). Not given in 1927-28.

3 hours, first semester.

139. The English Novel.

MACINTYRE

The development of the English novel to the latter part of the nineteenth century.

3 hours, first semester.

142. Nineteenth Century Prose.

THOMPSON

A study of the major prose writers, exclusive of the novelists.

2 hours, second semester.

144. Victorian Poetry.

STELTER

The major poets of the period (1832-1892).

3 hours, second semester.

145-146. American Literature.

THOMPSON

A general survey of American literature, with a detailed study of important writers. Either semester may be taken separately.

3 hours, throughout the year. (6 units)

147. Browning.

CUNNINGHAM

A systematic and intensive study of the philosophy and art of Robert Browning. Not given in 1927-28.

2 hours, second semester.

148. Meredith, Hardy, and the Later Nineteenth Century.

MACINTYRE

A study of the chief works of Meredith and Hardy, and of other representative men of the period.

3 hours, second semester.

152. Contemporary Literature.

A survey of English and American literature since 1890, with special attention to modern tendencies. Not given in 1927-28.

3 hours, first semester.

153-154. Types of Literature.

THE STAFF

The various types as listed under course 53-54, with such limitations as are announced in schedule. One or more is given each year.

2 hours, one semester.

161-162. Advanced Journalism.

SHEFFIELD

A study of American journalism.

2 hours, throughout the year. (4 units)

167-168. Comparative Literature.

MACINTYRE

A study of world classical literature and its influence upon English.

2 hours, throughout the year. (4 units)

GRADUATE COURSES

With the consent of the instructor, qualified Seniors may enroll in graduate courses.

201. The Teaching of English.

A study of the problems and methods of the teaching of English in the secondary schools. Open to seniors and graduate students. Required of candidates for High School Credentials offering English as a major. No credit toward the degree of Master of Arts. Not given in 1927-28.

See Education 201.

1 hour, second semester.

211-212. Seminar.

THE STAFF

Subject to be chosen.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

255-256. Theories of Poetry.

STELTER

A study of the chief theories of poetry, of literary criticism, and of the types of poetry, with illustrations drawn mainly from the English poets.

2 hours, throughout the year. (4 units)

FINE ARTS**FREEHAND DRAWING**

MR. KEM WEBER

LOWER DIVISION COURSES

1-2. Elementary Freehand Drawing.

Drawing in pencil and charcoal from models and still life, outdoor sketching, the principles of light and shade, and perspective.

Open to all students.

2½ hours, throughout the year. (2 units)

3-4. Landscape and Architectural Sketching.

Sketching from nature, architectural subjects, drawing from memory, composition. This course is recommended as a preparation for Course 7-8.

Prerequisite: Course 1-2.

2½ hours, throughout the year. (2 units)

5-6. General Drawing and Design.

Some suggested topics are: Figure and landscape sketching, advanced work in black and white and colored media, study of natural forms with application of same to design, conventional ornament, decorative and industrial design (stencil, fabrics, art, craft, illumination, etc.)

Prerequisite: Course 1-2.

2½ hours, throughout the year. (2 units)

7-8. Architectural Rendering.

Pen, pencil, water color, and crayon as media. Perspective (linear and aerial). Landscape and foreground composition.

HISTORY OF ART

ASSOCIATE PROFESSOR CUNNINGHAM

1-2. Survey Course.

First semester: Outline history of architecture and sculpture.

Second semester: Outline history of painting.

3 hours, throughout the year. (6 units)

3. History of Ancient Art.

A study of pre-Grecian art.

3 hours, first semester.

5. History of Medieval Art.

Study of architecture, sculpture and painting, in the Romanesque and Gothic periods.

3 hours, first semester.

6. History of Renaissance Art.

(a) Study of Italian art in the fifteenth and sixteenth centuries.

(b) Study of the art of Northern Europe in the sixteenth, seventeenth, and eighteenth centuries.

3 hours, second semester.

UPPPER DIVISION COURSES

Prerequisite: Six units in the lower division.

108. Outline History of Art in the Nineteenth Century.

3 hours, first semester.

110. Outline of Aesthetic Theory.

A study of the fundamental principles of Aesthetic and their application to the Fine Arts.

3 hours, second semester.

112. Comparative Art.

CUNNINGHAM

A study of the masterpieces of European Art and their influence on the art of America.

3 hours, second semester.

114. Modern Art.

CUNNINGHAM

Work of the twentieth century. A study of museums, art galleries and art literature. Not given in 1927-28.

3 hours, second semester.

FRENCH

PROFESSOR BELL

PROFESSOR LOWTHER

ASSOCIATE PROFESSOR NIVON

ASSISTANT PROFESSOR WILEY

ASSISTANT PROFESSOR CHRISTIE
(on leave of absence 1927-1928)

MAJOR: A minimum of twenty-two units in the upper division, including courses 101-102 and 105-106. Four of these units may be taken in approved courses of related departments. The attention of majors is called to appropriate courses in Latin, Spanish and German, to English 136, 137, and 151, and to History 105-106. Majors planning to pursue graduate work should have a reading knowledge of German.

MINOR: A minimum of nine units in the upper division. Majors and minors should familiarize themselves with the general regulations of major and minor subjects and with the requirements of the upper division (catalogue, Part V).

Prerequisite to major or minor, and to all upper division courses: Course 5-6 or 3-4 with recommended grade. Under certain conditions, courses 105 to 112 inclusive may be credited as graduate work.

In all courses except 1-2 credit will be given for the work of either semester. **THE HIGH SCHOOL TEACHER'S CREDENTIAL:** The requirements of the major, course 201, and a minimum of six graduate units.

FRENCH CLUB: Students wishing practice in French conversation are urged to identify themselves with the activities of the French Club, which holds monthly meetings of a literary and social nature.

LOWER DIVISION COURSES**1-2. Elementary French.**

THE STAFF

Pronunciation, essentials of grammar, reading of simple French, writing, conversation, dictation. Students presenting one year of high school French will enter 2. Both 1 and 2 offered each semester. Credit not given for 1 unless followed by 2. A second modern language begun in college will receive only sixty per cent credit toward the degree. French 1-2, if offered in fulfillment of the language requirement for the junior certificate, must be followed by French 3.

5 hours, both semesters. (10 units)

3-4. Intermediate French, First Course.

THE STAFF

Readings from modern French novelists, dramatists, and poets. Grammar review, composition, conversation, collateral reading. This course aims to enable students to read modern French with ease, and to write simple prose correctly. Students receiving a recommended grade in 3-4 may proceed immediately to the upper division.

Prerequisite: Course 1-2 or two years of high school French.

3 hours, throughout the year. (6 units)

5-6. Intermediate French, Second Course.

THE STAFF

For students with four years of entrance credit and for those failing of a recommended grade in 3-4. In content this course continues the work of 3-4.

Prerequisite: Course 3-4 or four years of high school French.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Prerequisite to upper division: Course 5-6 or 3-4 with recommended grade and for courses above 102 the ability to understand spoken French.

In all upper division courses credit will be given for the work of either semester.

101-102. Advanced Composition and Conversation. BELL
Intensive exercises in oral and written French, critical study of syntax, reports and discussions on periodicals and on collateral reading. This course aims to give a mastery of spoken French. Required of majors and a prerequisite of course 201.

Prerequisite: Course 5-6 or 3-4 with recommended grade.

3 hours, throughout the year. (6 units)

105. French Literature of the Seventeenth Century.

CHRISTIE

The formation of the "Classic Ideal," the theatre of Corneille, Moliere, and Racine; non-dramatic literature of the period. Collateral reading and reports.

Prerequisite: Course 5-6 or 3-4 with recommended grade.

3 hours, first semester.

106. French Literature of the Eighteenth Century. CHRISTIE

The philosophers, scientists, encyclopedistes, with special attention to Montesquieu, Voltaire, and Rousseau; the decline of Classicism, the beginnings of Romanticism. Collateral reading and reports. The attention of the students taking this course is called to English 136, 137.

Prerequisite: Course 5-6 or 3-4 with recommended grade.

3 hours, second semester.

109-110. Modern French Drama.

NIVON

The development of the drama in France from the time of Scribe to the present. Collateral reading and reports. This course alternates with 111-112. Given in 1927-28.

Prerequisite: Course 5-6 or 3-4 with recommended grade.

3 hours, throughout the year. (6 units)

111-112. Modern French Non-Dramatic Literature.

The novel, short story and lyric, with some attention to historical prose and literary criticism. Collateral reading and reports. This course alternates with 109-110. Not given in 1927-28.

Prerequisite: Course 5-6 or 3-4 with recommended grade.

3 hours, throughout the year. (6 units)

125. French Pronunciation.

NIVON

A study of French phonetics based upon the standard manuals. Required of candidates for high school credentials offering French as major or minor.

Prerequisite: Course 5-6 or 3-4 with recommended grade.

2 hours, second semester.

GRADUATE COURSES

201. Teachers' Course.

LOWTHER

The teaching of French pronunciation and the use of phonetic symbols, a survey of methods, pedagogical bibliography, study of textbooks, the French course in secondary schools. Open to seniors

and graduate students. Required of candidates for high school credentials offering French as a major. Not credited toward the degree of Master of Arts. See Education 201.

Prerequisite: Courses 101-102 and 125.

2 hours, first semester.

211-212. Seminar.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

GEOLOGY

(See Botany and Geology)

GERMAN

MISS TAYLOR

MAJOR: Eighteen units in the upper division.

MINOR: Nine units in the upper division.

Prerequisite to major or minor: Courses 1-2 and 3-4. or equivalent.

LOWER DIVISION COURSES

1-2. Elementary German.

Pronunciation, essentials of grammar, reading of simple German, composition, conversation. Credit not given for 1 unless followed by 2. A second modern language begun in college will receive only sixty per cent credit toward the degree. German 1-2, if offered in fulfillment of the language requirement for the junior certificate, must be followed by German 3.

5 hours, throughout the year. (10 units)

3-4. Intermediate German.

Reading of modern German prose and poetry, grammar review, composition, conversation, and collateral reading.

Prerequisite: Course 1-2 or two years of high school German.

3 hours, throughout the year. (6 units)

5-6. Scientific German.

Rapid reading of scientific German for students specializing in science.

Prerequisite: Course 1-2 or two years of high school German.

2 hours, throughout the year. (4 units)

UPPER DIVISION COURSES

Course 3-4 is prerequisite to all upper division courses in the department.

101-102. Advanced Composition and Conversation.

For students wishing to improve their knowledge of spoken German.

Prerequisite: Course 3-4.

2 hours, throughout the year. (4 units)

105-106. The Classical Period of German Literature.

Reading of selected dramas of Lessing, Goethe, and Schiller. Lectures, collateral reading, and reports.

Prerequisite: Course 3-4.

3 hours, throughout the year. (6 units)

107-108. Goethe's Faust.

Reading of Part I entire and of selections from Part II. Lectures on the origin and development of the Faust legend and its treatment in literature.

Prerequisite: Course 105-106.

2 hours, throughout the year. (4 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

GREEK

PROFESSOR WARD

MAJOR: Eighteen units in the upper division, taken from courses 105 to 110.

MINOR: Nine or more units in the upper division, including one course in Plato or the historians, and either 106 or 108.

Prerequisite to the major: Courses 1, 2, and 6.

Prerequisite to the minor: Courses 1 and 2.

LOWER DIVISION COURSES**1. Elementary.**

Course for beginners.

5 hours, first semester.

2. Xenophon and Homer.

May be varied to suit the needs of the class.

Prerequisite: Course 1.

5 hours, second semester.

6. Prose Composition.

Prerequisite: Course 2.

2 hours, one semester.

7. Greek Life and Art.

No knowledge of Greek required. Illustrated lectures. Open to all.

2 hours, second semester.

11. Selected Letters of Paul.

May be taken twice in succession without covering the same ground.

Prerequisite: Course 2.

3 hours, first semester.

12. Hebrews and the Catholic Epistles or Other Non-Narrative Portions of the New Testament.

May be taken twice in succession without covering the same ground.

Prerequisite: Course 2.

3 hours, second semester.

UPPER DIVISION COURSES

105. Plato.

Apology and Crito, with part of the Phaedo. Offered in alternate years with course 107.

Prerequisite: Course 2.

3 hours, first semester.

106. Euripides, Aristophanes.

Alcestis or Medea; Clouds; or other selected plays. Offered in alternate years with course 108.

Prerequisite: Course 2.

3 hours, second semester.

107. Herodotus.

Books VII and VIII. Offered in alternate years with course 105.

Prerequisite: Course 2.

3 hours, first semester.

108. Aeschylus, Sophocles.

Prometheus Bound, Oedipus Tyrannus, Antigone. Offered in alternate years with course 106.

Prerequisite: Course 2.

3 hours, second semester.

109. Thucydides.

The Sicilian Expedition. Open to advanced undergraduates and to graduate students.

Prerequisite: 105 or 107, with 106 or 108.

3 hours, first semester.

110. Plato.

Selected dialogues. Open to advanced undergraduates and to graduate students.

Prerequisite: 105 or 107, with 106 or 108.

3 hours, second semester.

112. The Greek Drama in English.

No knowledge of the Greek language required. Aeschylus, Sophocles, and Euripides are studied somewhat in detail. History of the Greek theatre and of dramatic presentation at Athens.

2 hours, one semester.

201. Teachers' Course.

See Education 201.

HISTORY

PROFESSOR CLELAND

PROFESSOR MYERS

PROFESSOR WARD

ASSOCIATE PROFESSOR HARDY

ACTING ASSISTANT PROFESSOR EGBERT

MAJOR: Twenty-four units in the upper division, at least eighteen of which must be in the department. Six units may be elected, subject to the approval of the department, from the departments of Economics and of Political Science. Of the twenty-four units, six must be in European History and six in the History of the United States.

MINOR: A minimum of nine units of upper division in the department.

Prerequisite to the major or minor, six units of lower division history and an additional six units in the social sciences.

LOWER DIVISION COURSES

1-2. A General Survey of European Civilization. MYERS

Not given 1927-28.

3 hours, throughout the year.

5-6. History of the Americas.

HARDY

A general survey of the planting of colonial societies in the New World and of the rise of the American nations from the beginning of independence to the present.

3 hours, throughout the year.

7-8. History of England.

CLELAND

A survey of the political, social and economic development of England and of the foundations of the British Empire.

3 hours, throughout the year.

UPPER DIVISION COURSES

Twelve units in the social sciences and junior standing are prerequisite to all upper division courses in the department.

101. History of Greece.

WARD

A general survey of the history of Greece, closing with the career of Alexander the Great.

3 hours, first semester.

102. History of Rome.

WARD

A general survey of the history of Rome to the reign of Augustus.

3 hours, second semester.

103. Mediaeval Civilization.

MYERS

This course deals with the period between the fourth and the close of the fourteenth centuries. It attempts to present the development and organization of mediaeval life in Europe as a background for modern European history. It considers the intellectual and artistic ideals of the period as related to the intellectual and artistic achievements of the Renaissance.

3 hours, first semester.

104. The Renaissance in Europe.

MYERS

This course deals with the transformation of European life between the fourteenth and sixteenth century. It introduces the student to a closer study of a few great men who left an indelible imprint upon the intellectual, religious and artistic phases of western culture.

3 hours, second semester.

105. Modern European History.

MYERS

A study of Modern Europe from the reign of Louis XIV through the French Revolution.

3 hours, first semester.

106. Modern European History.

MYERS

A study of Europe since the French Revolution.

3 hours, second semester.

107-108. History of the United States.

HARDY

A study of the political history of the United States from the close of the Revolutionary War to the present time.

3 hours, throughout the year.

109. History of South America.

CLELAND

A survey of the political, social and economic development of the South American Republics during the nineteenth and twentieth centuries.

3 hours, first semester.

110. The United States and Hispanic America.

CLELAND

A survey of international relations.

3 hours, second semester.

111. History of Mexico.

CLELAND

A study of the political development of Mexico.

2 hours, first semester.

112. History of Mexico.

CLELAND

A study of the economic and social development of Mexico.

2 hours, second semester.

113. History of California.

HARDY

The period of Spanish-Mexican rule, American annexation, and progress as a state.

3 hours, second semester.

114. Development of the British Empire.

HARDY

2 hours, first semester.

115. History of Canada.

HARDY

2 hours, second semester.

116. The Pacific Ocean in History.

HARDY

A study of the Pacific Area, with especial emphasis upon the relations of the United States and the nations bordering upon the Pacific.

3 hours, first semester.

117-118. Contemporary Europe.

EGBERT

Not given in 1927-28.

2 hours, throughout the year.

119. History of the Roman Empire

WARD

From Augustus to the fall of Rome in 476 A. D. Emphasizes the blending of ancient civilizations under one government and the legacy left to the nations of modern Europe at the breaking up of the Western Empire.

2 hours, first semester.

GRADUATE COURSES

Courses numbered 202 or above are open only to graduate students and to a limited number of qualified seniors.

201. Teachers' Course.

No credit toward the degree of Master of Arts.

See Education 201.

2 hours, second semester.

204-205. History Seminar.

HARDY

Subject to be announced.

2 hours, throughout the year.

206-207. History Seminar.

CLELAND

Subject to be announced.

2 hours, throughout the year.

220. Thesis for the Master of Arts Degree.

Not to exceed four units.

LATIN

PROFESSOR LOWTHER

MAJOR: Eighteen units in the upper division.

The attention of majors is called to appropriate courses in Greek and in Romance languages, to the course in Greek Life and Art (Greek 7), and to History 101-102.

MINOR: Nine units in the upper division.

Prerequisite to major and minor: Courses 5, 6, and 10.

LOWER DIVISION COURSES**1-2. Elementary Latin.**

Grammar, reading of simple prose and of selections from Caesar, elementary prose composition. The equivalent of the first two years of high school Latin. Not given in 1927-28.

5 hours, throughout the year. (10 units)

3-4. Intermediate Latin.

Selections from Cicero and from Vergil's Aeneid, books I-VI, prose composition. The equivalent of the third and fourth years of high school Latin.

Prerequisite: Course 1-2 or two years of high school Latin.

3 hours, throughout the year. (6 units)

5. Cicero or Livy.

Cicero: De Senectute or De Amicitia, or selections from Livy, books XXI-XXII.

Prerequisite: Four years of high school Latin or courses 1-2, 3-4.

Preceded by course 3-4, may be counted as upper division credit.

3 hours, first semester.

6. Horace.

Odes and Epodes, to which certain of the Satires may be added. Lyric meters.

Prerequisite: Four years of high school Latin or courses 1-2, 3-4.

Preceded by course 3-4, may be counted as upper division credit.

3 hours, second semester.

10. Prose Composition.

Emphasis is laid on the principles of connected discourse. Review of forms and of syntax. Course 10 or equivalent must be taken as a prerequisite of course 201.

Prerequisite: Course 3.

2 hours, second semester.

UPPER DIVISION COURSES

Courses 5 and 6 are prerequisite to all upper division courses in the department. Such of these are offered each year as the preparation and needs of the students determine.

101. Latin Comedy.

Selected plays of Plautus and of Terence. Meters, early forms and constructions, Greek and Roman life.

3 hours, first semester.

102. Lyric and Elegiac Poetry.

Selected poems of Catullus, Propertius, Tibullus, and Ovid. Catullus will be made the subject of special study.

3 hours, second semester.

103. Tacitus and Pliny.

Tacitus: Agricola and Germania. Pliny: Selected Letters. A general survey of the Silver Age in Latin literature.

3 hours, first semester.

104. Juvenal and Martial.

Selected Satires of Juvenal and Epigrams of Martial. Lectures and collateral reading on the life and society of the period.

3 hours, second semester.

105-106. Vergil.

The Eclogues and Georgics, and the Aeneid, books VII-XII.

3 hours, throughout the year. (6 units)

201. Teachers' Course.

See Education 201.

2 hours, one semester.

MATHEMATICS AND TECHNICAL DRAWING

PROFESSOR ALLEN

ASSISTANT PROFESSOR MORSE

MATHEMATICS

MAJOR: Eighteen units in the upper division.

MINOR: Nine units in the upper division.

Prerequisite to the major or minor: Courses 1, 2, 3, and 4.

Technical Drawing 15-16 and 117-118, and Physics 123-124 are credited in this department.

LOWER DIVISION COURSES**1. Plane and Spherical Trigonometry.**

MORSE

Prerequisite. Elementary algebra and plane geometry.
3 hours, first semester.**2. Solid Geometry.**

MORSE

Prerequisite: Elementary algebra and plane geometry.
3 hours, second semester.**3. College Algebra.**

ALLEN

Includes the development and application of the binomial theorem and of the exponential and logarithmic series, permutations and combinations, and the theory of equations.

Prerequisite: Elementary algebra and plane geometry.
3 hours, first semester.**4. Plane Analytics.**

ALLEN

A study of analytic methods, the analytic geometry of the straight line, the circle, and the conic sections, and investigation of the general equation of the second degree.

Prerequisite: Trigonometry.
3 hours, second semester.**5. Surveying.**

MORSE

A study of the elementary operations employed in making surveys for engineering work, including the use, care, and adjustments of instruments, linear and angular measurements, note keeping, and field methods.

Prerequisite: Course 1.
3 hours, first semester.**6. Advanced Surveying.**

MORSE

Plane table surveys, topographic surveys, base line measurements, triangulation, curves, cross-section surveys and earthwork estimates, mapping, and the solution of problems.

Prerequisite: Course 5.
3 hours, second semester.**7. Theory of Equations.**

ALLEN

The theory of determinants; the theory, analysis, and solution of higher numerical and algebraic equations.

Prerequisite: Courses 1 and 3.
2 hours, first semester.

11. General Astronomy.

ALLEN

A course in descriptive astronomy. Study of nebulae, planets, and constellations, with the telescope.

Prerequisite: Trigonometry.
3 hours, first semester.

UPPER DIVISION COURSES

These will be counted as upper division courses only when preceded by 1, 2, 3, and 4, but may be taken as lower division courses with the prerequisites named below.

121. Differential Calculus.

ALLEN

The principles and formulae of differential calculus and the application to such problems as maxima and minima, indeterminate forms, expansion of series, etc.

Prerequisite: Courses 3 and 4.
3 hours, first semester.

122. Integral Calculus.

ALLEN

The principles and formulae of integral calculus, with application to problems in integration, such as lengths of curves, areas, volumes, etc.

Prerequisite: Course 121.
3 hours, second semester.

125. Advanced Calculus.

ALLEN

A more advanced study of the principles of differential and integral calculus and their applications to many problems, such as curve analysis, envelopes, points of contact, volume of solids, moment of inertia, center of gravity, pressure of liquids, etc. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite: Courses 121 and 122.
3 hours, first semester.

126. Differential Equations.

ALLEN

A study of the nature, meaning, and the solutions of ordinary and partial differential equations and the application of differential equations in the solution of problems in Mechanics and Physics. Open to graduate students as well as to advanced students in the undergraduate course.

Prerequisite: Courses 121 and 122.
3 hours, second semester.

128. Higher Analytics.

ALLEN

A more advanced course than course 4, including a study of higher plane curves and the elements of solid analytic geometry.

Prerequisite: Course 4.
3 hours, second semester.

130. Practical Astronomy.

ALLEN

Lectures and instrumental work. The determination of time, latitude and longitude, and the computation of current eclipses and occultation of stars.

Prerequisite: Course 2, 4, 11.

3 hours, second semester.

131. Least Squares and Probabilities.

MORSE

Prerequisite: Courses 121 and 122.

2 hours, first semester.

132. Precision of Measurement and Graphical Methods.

MORSE

Same as Physics 132.

Prerequisite: Courses 121 and 122.

2 hours, second semester.

201. Teachers' Course.

ALLEN

See Education 201.

2 hours, one semester.

TECHNICAL DRAWING**LOWER DIVISION COURSES****1-2. Technical Drawing.**

MORSE

Involves the use of instruments, geometric construction, orthographic projection, principles of dimensioning and blue print reading. Practice in lettering and layout of titles. This course must precede all advanced work.

3 hours, throughout the year. (2 units)

3-4. Orthographic Projection.

MORSE

Problems in projection, intersections of solids, development of surfaces and application to working drawings.

Prerequisite: Course 1-2.

6 hours, throughout the year. (4 units)

7-8. Machine Drawing.

MORSE

Sketching of machine details, tracing and assembled views.

Prerequisites: Course 1-2 or 3-4.

6 hours, throughout the year. (4 units)

11-12. Topography and Map Making.

MORSE

Ink rendering for map making, lettering, tracing and blue printing.

Prerequisite: Course 1-2.

3 hours, throughout the year. (2 units)

15-16. Descriptive Geometry.

MORSE

Problems in lines, planes and solids; intersections and developments; isometric and perspective drawings.

Prerequisite: Courses 1-2 and 3-4. Mathematics 2.

6 hours, throughout the year. (4 units)

UPPER DIVISION COURSES

117-118. Graphic Statics.

MORSE

Graphical solution of problems in mechanics and strength of materials; vectors and vector quantities; force and space diagrams; funicular polygons; beams; trusses; problems in simple machines.

Prerequisite: Courses 1-2 and Mathematics 1.
3 hours, throughout the year. (2 units)

121-122. Architectural Rendering of Shades and Shadows.

MORSE

Accurate methods for determining the shadows of geometrical lines, plane figures and solids, and their application to the casting of conventional shades and shadows on the principal architectural members.

Prerequisite: Courses 1-2 and 15-16.
3 hours, throughout the year. (2 units)

123-124. Architectural Perspective.

MORSE

Theory and application of methods of drawing architectural perspectives.

Prerequisite: Courses 1-2 and 3-4, Course 121-122 completed or in progress.
3 hours, throughout the year. (2 units)

129-130. Architectural Drawing.

MORSE

Architectural lettering, detailing and preparation of working drawings.

Prerequisite: Courses 1-2, 15-16, 121-122, 123-124.
6 hours, throughout the year. (4 units)

MUSIC

PROFESSOR HARTLEY	-	-	-	-	-	-	-	-	<i>Theory, Organ, (Piano)</i>
WINIFRED HOOKE	-	-	-	-	-	-	-	-	<i>Piano</i>
AMANDUS ZOELLNER	-	-	-	-	-	-	-	-	<i>Violin</i>
SUSAN HAURY	-	-	-	-	-	-	-	-	<i>Piano</i>
EDITH D. HARTLEY	-	-	-	-	-	-	-	-	<i>Voice</i>

MAJOR: Twenty units in the upper division, of which twelve units must be taken in Theoretical Music, and two units in Applied Music; the remaining six units may be taken in either branch.

MINOR: Ten units in the upper division, of which six units must be taken in Theoretical Music.

Prerequisite to any upper division work, course 11-12, (Harmony, six units), and elementary knowledge of Piano.

Prerequisite to the major, four units of Applied Music in the lower division, of which two may be prescribed in Piano at the option of the Director.

Students seeking recommendation of the department must either present an acceptable original manuscript composition, or program a satisfactory recital.

THEORETICAL MUSIC

LOWER DIVISION COURSES

A. Elementary Theory.

Introductory to Music 11-12; a study of intervals, scales, signatures, and triad structure.

1 hour, second semester. (no credit)

3. History of Music.

A study of the development of music from its beginnings through the period of Bach, Handel, and Gluck.

2 hours, first semester. (2 units)

4. History of Music.

Continuation of Music 3 to the present time.

Prerequisite: Music 3 or consent of Instructor.

2 hours, second semester. (2 units)

5-6. Appreciation of Music.

Training in perception of the characteristic elements of music; application to various compositions presented in historical sequence. Collateral reading on background and influences. Not offered in 1927-28.

2 hours throughout the year. (4 units)

11-12. Harmony.

An intensive course in active and passing tones, both in scale and in interval; primary triads and cadences; dominant seventh; dissonance, secondary sevenths and ninths, altered chords; modulation; analysis; harmonization of basses and melodies throughout the course.

Prerequisite: Rudiments of music.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

101-102. Counterpoint.

Two, three, and four part writing in all five species. Original work in Invention and Aria form.

Prerequisite: Course 11-12.

3 hours, throughout the year. (6 units)

103-104. Orchestration.

A course in writing for various groups of instruments, including transcription for theatre, "concert," and symphony orchestra; study of scores; principles of conducting; required attendance at specified orchestra rehearsals; part of the second semester's work will be conducted on a Seminar basis. Not offered in 1927-28 if Music 111-112 be demanded.

Prerequisite: Course 11-12, and 101.

3 hours, throughout the year. (6 units)

111-112. Composition.

Studies and original work in Rondo, Sonatina, and Sonata form; brief survey of modern harmonic tendencies.

Prerequisite: Course 101-102.

3 hours, throughout the year. (6 units)

APPLIED MUSIC

A student to be eligible for credit in Applied Music toward the Bachelor of Arts degree, must meet the following requirements:

- First, Obtain written authorization from the Director;
- Second, Register in the department for two half-hour lessons weekly;
- Third, Pass the requisite Proficiency Test as indicated below;
- Fourth, Complete two years in Theoretical Music (Harmony and Counterpoint unless by special arrangement with Director) preceding or paralleling the Applied Music.

Two units will be granted each semester for such work; and not more than two units may be obtained in any one semester, nor more than twelve counted toward the degree.

Under similar restrictions and requirements, ensemble groups (three to six students) may petition for one unit per semester.

PROFICIENCY TESTS ADMITTING TO
LOWER DIVISION CREDITPIANO OR ORGAN (*given at the Piano*)

SCALES—All major and minor scales (harmonic and melodic) at the octave, metronome at 66, four notes to a beat, fluently.

BACH—Two-part invention or similar contrapuntal work.

MEMORY—A simple piece from memory.

SIGHT-READING—A hymn and a second-grade piece.

VOICE

SCALES—Major and minor scales sung at moderate tempo.

VOCALISE—From Abt, Concone Opus 9, Panofka Opus 85, or their equivalent.

SIGHT-READING—A hymn or an easy song.

PIANO—A simple accompaniment accurately played.

MEMORY—One song from memory.

VIOLIN

SCALES—Schrädieck Scale Studies, Part I., or equivalent.

STUDIES—Sevcik Technic, Part I.

Hermann, Part I.

Keyser, Progressive Studies.
or equivalent studies.

MEMORY—Solos in first position. (Selected).

LOWER DIVISION COURSES
IN APPLIED MUSIC

51-52. Piano; 61. Organ; 71. Voice; 81. Violin
91. Ensemble.

UPPER DIVISION COURSES

Upper division students may earn *one* unit per semester for *one* half-hour lesson weekly.

Tests prerequisite for upper division credit will demand an approximate year's advance for the average student in his technical, interpretive, musicianly abilities and in repertoire. Detailed information will be furnished by the director upon request.

151-152 etc. Piano; 161. Organ; 171. Voice;
181. Violin; 191. Ensemble.

APPLIED MUSIC WITHOUT CREDIT

Is open to any college student, and to pupils outside the regular or special enrollment of the college when unused facilities exist, upon written authorization of the Director and payment of the fees as listed elsewhere. (See Part XI Fees and Expenses).

PHILOSOPHY AND PSYCHOLOGY

PHILOSOPHY

PROFESSOR BURT

PROFESSOR _____

Mr. MOORE, *Instructor in Philosophy*

MAJOR: Twenty-one units in the upper division.

MINOR: Nine or more units in the upper division.

Prerequisite to the major and minor: Courses 3, and 11-12, and Psychology

2. Those intending to major in Philosophy will take 11-12 in the freshman year.

Courses 103, 104-105, 106, and 119 may be credited in Religion and Ethics.

LOWER DIVISION COURSES

3. Logic.

BURT

The principles of inductive and deductive logic are studied and applied on practical work. Special attention is paid to the several types of fallacy.

Prerequisite: Sophomore standing.

3 hours, first semester.

11. Introduction to Philosophy.

An elementary consideration of the problems of Philosophy. Freshmen intending to major in Philosophy should elect this course.

3 hours, first semester.

UPPER DIVISION COURSES

Courses 3, 11-12, and Psychology 2 are prerequisite to all upper division courses in this department.

101. History of Ancient Philosophy.

3 hours, first semester.

102. History of Modern Philosophy.

3 hours, second semester.

103. Ethics.

Ethical principles set forth through an examination of human nature and society.

3 hours, first semester.

104. Philosophy of Religion.

The meaning of God in human experience. Open to advanced undergraduates, and to graduate students.

3 hours, second semester.

106. Comparative Religion.

BURT

A brief study of the great religions of the world with reference to their influence upon life and civilization.

Prerequisite: Junior standing; Psychology 2.

2 hours, second semester.

107. Philosophy of the Nineteenth Century.

A study of the general ideas characteristic of the intellectual achievements of the century, such as German idealism, French positivism, English utilitarianism and theories of evolution.

2 hours, first semester.

108. Theory of Knowledge.

Contemporary discussion of the theory of knowledge.

2 hours, second semester.

109. Advanced Logic.

A study of scientific method. Not given in 1927-1928.

2 hours, first semester.

112. Philosophy of Law.

A study of the social and ethical functions of law.

3 hours, second semester.

113. Seminar—Immanuel Kant.

His critical philosophy.

2 hours, first semester.

114. Seminar—Modern Contemporary Philosophy.

2 hours, second semester.

119. Metaphysics.

A formulation of the concepts of matter, life, mind, and God in their relations to one another. Open to advanced undergraduates and graduate students.

3 hours, first semester.

PSYCHOLOGY

PROFESSOR STORMZAND

MINOR: Six or more units in the upper division.

Prerequisite to the minor: Courses 2 and 22, and Philosophy 11-12.

LOWER DIVISION COURSES

2. Introductory Psychology.

STORMZAND

A course intended to acquaint the beginning student of psychology with the field in general. Open to freshmen only upon the approval of the department.

3 hours, either semester.

22. Advanced Psychology.

STORMZAND

The main issues of contemporary psychology, as shown especially by current writings, will be studied in their relationship to the historical development of the science.

3 hours, second semester.

UPPER DIVISION COURSES

121-122. Applied Psychology.

STORMZAND

An elementary course introducing the student to the various applications of psychological investigation and technique to business and social fields.

2 hours, second semester.

124. Social Psychology.

STORMZAND

An introductory course for upper division students, dealing with the psychology of social values, social attitudes, and social control.

2 hours, first semester.

PHYSICAL EDUCATION FOR MEN

PROFESSOR KIENHOLZ

PROFESSOR PIPAL

DOCTOR KENNETH SMILEY

MR. DAUGHERTY

MR. ANDERSON

COACH CLARK

COACH EXENDINE

MAJOR: A minimum of eighteen units in the upper division, including courses 103, 105, 106, 115-116, 127, and Hygiene 142.

MINOR: Six or more units in the upper division.

Prerequisite to major or minor: Courses 1a, 2a, 3a, 4a, 1b, 2b, 3b, 4b, 5, 6, and Zoology 1-2, and 1L-2L. Zoology 7, 8 and 8L, Hygiene 3, and Psychology 2 are prerequisite to the Teachers' Course.

The work in this department is designed to encourage proper habits of health, to improve bodily control and strength, to stimulate the development of mental and physical alertness and poise, to establish habits of regular exercise, and to give an experience in various kinds of competitive and recreative sports that will be useful in after life.

A physical examination is given all freshmen at the beginning of the year, on the basis of which advice is given as to the type of physical activity each should take and the special corrective exercises fitting to particular cases.

A medical examination by the College Physician is also required, in the first semester of each year, of all men enrolled in the College for the first time. In this examination special attention is given to the eyes, ears, heart, and lungs. The results of these examinations are recorded and with suggestions are turned over to the Physical Education Department for reference in assigning corrective exercises for the individual.

Four lectures each semester on subjects dealing directly with the preservation of health will be given by the College Physician. Attendance upon these lectures is required for credit in the Physical Education Department.

Students have free medical consultation at hours appointed by the Physician.

A special teachers' course is offered in this department to those desiring to enter the field of Physical Education as athletic directors or coaches.

LOWER DIVISION COURSES

1a-2a. General Gymnastics, or THE STAFF

1b-2b. Intra-Mural or Varsity Sports.

Required of freshmen.

3 hours, throughout the year. (2 units)

3a-4a. General Gymnastics, or THE STAFF

3b-4b. Intra-Mural or Varsity Sports.

Required of Sophomores.

2 hours, throughout the year. (1 unit)

5-6. Active Participation in Athletics. COACHING STAFF

Open to advanced undergraduates and graduate students.

2 years. (2 units)

8. Personal Hygiene and First Aid. ANDERSON

2 hours, second semester. (2 units)

UPPER DIVISION COURSES

Taken in conjunction with the required physical education courses for freshmen and sophomores and the lower division prerequisites as outlined above, the following courses, with the addition of Zoology 7, Hygiene 104, and Education 119 and 130, constitute a teachers' course in directing and coaching athletics. Students who complete this course are eligible to apply for special state credentials for teaching this subject in the high schools. Those who desire to elect the course should consult the department.

101. History and Development of Physical Education. PIPAL

Open to both men and women. Given in alternate years. Offered in 1927-28.

2 hours, second semester. (2 units)

103. Theory of Teaching and Leadership. DAUGHERTY

2 hours, second semester. (2 units)

105. Applied Methods in Formal Activities. HODGDON

3 hours, second semester.

106. Organization and Administration of Physical Education Program in Secondary Schools. KIENHOLZ

2 hours, second semester. (2 units)

108. Physiology of Exercise.

PIPAL

Given in alternate years. Offered in 1928-29.

Prerequisite: Zoology 8 and 8L.

2 hours, second semester. (2 units)

109. Kinesiology and Applied Anatomy.

HODGDON

Prerequisite: Zoology 7 or 107.

2 hours, first semester.

115-116. Methods in Play Activities.

PIPAL

Technique of coaching and system of organization of athletics.

Open to men majoring in this department.

2 hours, throughout the year. (4 units)

127. Practice Teaching.

PIPAL

No credit toward graduation.

5 hours, either semester.

128. Methods in Physical Examination and Health Supervision.

KIENHOLZ

2 hours, first semester. (2 units)

129. Methods in Corrective Gymnastics.

DAUGHERTY

2 hours, first semester.

PHYSICAL EDUCATION FOR WOMEN

ASSOCIATE PROFESSOR HODGDON

MRS. BIRD

MAJOR: A minimum of twenty-one units in the upper division, including courses 102, 103, 104, 105, 106, 109, and 110.

MINOR: Nine or more units in the upper division.

Prerequisite to the major or minor: Courses 1, 2, 3, 4, 5, 9, 10, 20 and Zoology 1-2, 1L-2L, 7, 8, 8L.

It is the aim of this department to correct physical defects, to encourage equal development of mind and body by promoting vigorous health, to develop leaders in club and church recreation and in playground, and to train physical directors for educational institutions.

A physical examination is given each student at the beginning of each year. All applicants for the State Special Credential in Physical Education should consult the department. Courses required for the Credential in addition to those for a major include course 128 and Psychology 2, Education 114, 119, 130 and 142 and, if possible course 101, 108 and 129.

A fee of three dollars is required each semester for enrollment in any of the courses numbered 1 to 8.

REQUIRED LOWER DIVISION COURSES

A year course of three hours a week is required of all freshmen and sophomores. Two hours a week are given to an activity program; the third hour each week is a lecture period dealing with different phases of the student's health and well being.

**1-2. Gymnastics, Sports, Individual work
Hygiene.**

HODGDON

Required of freshmen.

3 hours, throughout the year. (2 units)

**3-4. Gymnastics, Sports, Individual work
Hygiene.**

HODGDON

Required of sophomores.

3 hours, throughout the year. (2 units)

ELECTIVE, LOWER DIVISION

5. Sports.

5a. Basketball, Hockey, Baseball.

5b. Tennis.

5c. Swimming.

2 hours, throughout the year. (1 unit)

7-8. Interpretive Dancing.

HODGDON

2 hours, throughout the year. (2 units)

9. Play Activities.

Methods of organizing and conducting social and recreational activities in churches, clubs, and school playgrounds.

2 hours, first semester. (2 units)

10. Rhythmical Activities.

Methods of teaching singing games, story plays, and folk dances.

3 hours, second semester. (3 units)

20. Public Health and Sanitation.

HODGDON

A study of water and soil infections, insect borne diseases, air and its relation to health with the history of the control and prevention of such. Given in alternate years. Not given in 1927-28.

2 hours, second semester.

21. Domestic Hygiene and Practical Nursing.

BIRD

Instruction and demonstration in home care of the sick, infant care, preservation of health, bandaging, first aid, and Swedish massage. Open to women.

2 hours, first semester.

UPPER DIVISION COURSES

101. History and Development of Physical Education. PIPAL

Given in alternate years. Given in 1927-28.

2 hours, second semester.

102. Principles of Adaptation of Activities.

HODGDON

The methods underlying the selection and adaptation of physical activity for varying ages and groups.

2 hours, first semester.

103. Theory of Teaching and Leadership.

HODGDON

Given in alternate years. Not given in 1927-28.

2 hours, second semester.

104. Applied Methods in Athletic Activities.

Methods of coaching and organizing athletics.

3 hours, first semester.

105. Applied Methods in Formal Activities.

HODGDON

Methods of conducting postural instruction, marching and gymnastics.

3 hours, second semester.

106. Administration of Physical Education Department.

HODGDON

Given in alternate years. Given in 1927-28.

2 hours, second semester.

108. Physiology of Exercise.

PIPAL

The effect of exercise on the various organic activities of the human body. Given in alternate years. Not given in 1927-28.

Prerequisite: Zoology 8 and 8L.

2 hours, first semester.

109. Kinesiology and Applied Anatomy.

HODGDON

A study of the joint and muscle mechanisms involved in ordinary physical activity.

Prerequisite: Zoology 7 or 107.

2 hours, first semester.

110. School Hygiene and Methods of Hygiene Teaching.

Open to undergraduates of advanced standing and to graduate students.

2 hours, second semester.

128. Practice Teaching.

HODGDON

No credit toward graduation. Open to seniors.

4 hours, either semester.

129. Methods in Corrective Gymnastics.

DAUGHERTY

Given in alternate years. Given in 1927-28.

PHYSICS

PROFESSOR SHEDD

ASSISTANT PROFESSOR MORSE

ASSISTANT PROFESSOR GORTON

MAJOR: Eighteen units in the upper division.

MINOR: Nine units in the upper division.

Prerequisite to the major or minor: Courses 1-2, 1L-2L, 5-6, 5L-6L; Differential and Integral Calculus. Recommended: A reading knowledge of French and German.

LOWER DIVISION COURSES**1-2. General Physics.**

For Science requirement, must be accompanied by course 1L-2L.

Prerequisite: Trigonometry, completed or in progress.

3 hours, throughout the year. (6 units)

1L-2L. General Physics Laboratory.

Completion each semester of 15 experiments selected to meet the needs and purposes of the student. To accompany course 1-2.

1 laboratory period, throughout the year. (2 units)

5-6. Problems Course.

Prerequisite: Course 1-2, completed or in progress, and facility with the slide rule.

2 hours, throughout the year. (4 units)

5L-6L. Problems Laboratory.

Laboratory to accompany course 5-6.

1 laboratory period, throughout the year. (2 units)

UPPER DIVISION COURSES

Upper division work is based upon a prerequisite of Physics 1-2 and 1L-2L. Mathematics 121-121L is advised in progress or completed.

121-122. Theory of Electricity and Magnetism.

First semester, direct current work; second semester, alternating current work. Recitations, problems, and reports on special assignments.

3 hours, throughout the year. (6 units)

121L-122L. Electricity, Magnetism Laboratory.

1 or 2 laboratory periods, throughout the year. (2 or 4 units)

123. Theory of Mechanics.

Prerequisite: Calculus, completed or in progress.

3 hours, first semester. (3 units)

124. Fundamentals of Illumination.

Modern theory and practice of lighting as applied to factories, offices and the home.

3 hours, second semester.

125. Theory of Light.

The fundamental principles of mirrors, prisms, and lenses, optical instruments and theories of light.

2 hours, first semester.

125L. Light Laboratory.

To accompany course 125.

126. High Frequency Currents.

The theory of alternating currents with especial attention to the phenomena of oscillating circuits with applications to radio and vacuum tubes. Not given in 1927-28.

Prerequisite: Physics 121-122.

2 hours, second semester. (2 units)

126L. High Frequency Currents Laboratory.

To accompany course 126.

1 laboratory period. (1 unit)

127. Theory of Sound.

Considerations of the principles of vibrating systems and sound and the theorems of acoustics. Not given in 1927-28.

2 hours, first semester.

127L. Sound Laboratory.

Laboratory to accompany course 127.

128. Theory of Heat.

The determination of heat constants. Elements of thermodynamics. Pyrometry.

2 hours, second semester.

128L. Heat Laboratory.

To accompany course 128.

1 or 2 laboratory periods. (1 or 2 units)

131. Least Squares and Probabilities.

MORSE

Prerequisite: Mathematics 121 and 122.

2 hours, first semester.

132. Precision of Measurements.

MORSE

Requires a knowledge of differential and integral calculus.

2 hours, second semester.

133-134. Seminar.

Required of all students majoring in Physics.

1 hour, throughout the year.

135. Introduction to Modern Theories of Physics.

Open to seniors and graduate students.

Not given in 1927-28.

3 hours, first semester. (3 units)

136. Applications of Physics to Modern Industry.

Not given in 1927-28.

3 hours, second semester.

201. Teachers' Course.

See Education 201.

2 hours, one semester.

POLITICAL SCIENCE

PROFESSOR BIRD

ASSOCIATE PROFESSOR BONELLI

ACTING ASSISTANT PROFESSOR EGBERT

MAJOR: A minimum of twenty-one units in the upper division, including courses 207 and 208. Certain related courses in Economics, History, and Philosophy may be credited toward the major.

MINOR: Nine units in the upper division.

Prerequisite to the major or minor: Political Science 1-2 or the equivalent, and six additional units in the Social Sciences. Psychology 2 is strongly advised. All students majoring in the department, especially those who expect to pursue graduate work, should equip themselves with a reading knowledge of Latin, French, or German.

LOWER DIVISION COURSES**1-2. Principles of Government.**

BIRD

An introductory course in governmental theories and problems. Special emphasis given to American government and problems of citizenship. The course meets the requirement for graduation, as prescribed by act of legislature, regarding American Institutions.

3 hours, throughout the year. (6 units)

11. Elementary Jurisprudence.

BONELLI

A non-technical study of the general principles underlying all municipal and international law.

3 hours, first semester.

12. Business Law.

BONELLI

A course dealing with those principles of law which are of value to the business man, including Contracts, Agency, Partnership, Corporations, Negotiable Paper, and Sales.

3 hours, second semester.

UPPER DIVISION COURSES

Twelve units in the social sciences, together with junior standing, are prerequisite to all upper division courses in this department.

101. American Political Institutions.

BONELLI

A general historical and interpretative study of the principles, framework, and functioning of our national government as outlined by the Constitution. Designed to meet the requirements of an act of the Legislature requiring the course of all candidates for a degree or Teacher's Credential.

3 hours, either semester (2 hours in Extension).

102. State and Local Government in the United States.

BONELLI

The problem of federalism, principles of state constitutions, the political system of the states, organization and functions of state, county, town, and municipal government; state and local administrative problems.

3 hours, second semester.

103. International Relations

EGBERT

A study of the problems of nationalism, imperialism, diplomacy, and international organization.

3 hours, first semester.

104. American Diplomacy.

EGBERT

The history, principles, and conduct of American foreign relations.

3 hours, second semester.

111. Governments and Politics in Europe.

BIRD

A comparative study of the chief governments of Europe, with especial attention to the present trend of European politics. Given in alternate years. Not given in 1927-28.

2 hours, first semester.

112. The New European Constitutions.

BIRD

Analysis of the fundamental laws of European states adopted since the World War, and consideration of recent developments in political and social democracy. Given in alternate years. Not given in 1927-28.

2 hours, second semester.

113-114. Contemporary World Politics.

EGBERT

Each year a limited number of current political problems of international importance is selected for intensive study. A fee of two dollars is charged each semester to cover the cost of periodicals and scientific journals used as a basis for the work.

Additional prerequisite: Completion of twelve units of upper division work in the social sciences.

2 hours, throughout the year. (4 units)

115-116. International Law.

EGBERT

General principles of public international law as developed by treaty agreement, common usage, and diplomatic practise. Given in alternate years. Not given in 1927-28.

2 hours, throughout the year only. (4 units)

117-118. Constitutional Law.

BONELLI

A study of the Constitution of the United States as expanded by judicial interpretation. Given in alternate years. Given in 1927-28.

2 hours, throughout the year only. (4 units)

123. Municipal Administration.

BONELLI

A practical study of city problems with special reference to traffic regulations, zoning ordinances, annexations, building regulations, housing conditions, parks and playgrounds, and general problems of city growth. Given in alternate years. Not given in 1927-28.

2 hours, first semester.

124. Municipal Administration.

BONELLI

A study of political, administrative, and financial problems of public ownership and regulation of utilities and services, including water, gas, electricity, and transportation. Given in alternate years. Not given in 1927-28.

2 hours, second semester.

129. Public Finance.

BONELLI

A study of budgetary science, principles of taxation, public credit, public expenditures, and finance administration. Attention is given to financial problems of reconstruction following the World War.

3 hours, second semester.

GRADUATE COURSES

With the approval of the instructor in charge, the following courses are open to undergraduates with advanced standing. With sufficient additional work, courses numbered from 115 to 129 may be taken for graduate credit.

201. Teachers' Course.

See Education 201.

2 hours, first semester.

207. History of Political Thought.

BIRD

A critical study of selected writings of ancient and mediaeval times.

2 hours, first semester.

208. History of Political Thought.

BIRD

A study of modern developments and tendencies in political theory.

2 hours, second semester.

211-212. Seminar in American Government.

BONELLI

213-214. Seminar in World Politics.

BIRD

Investigation of selected topics in international relations and comparative government. Admission by special arrangement with the instructor.

1 or 2 hours, throughout the year. (2 or 4 units)

220. Thesis for the Master of Arts Degree.

Not to exceed four units.

RELIGION

PROFESSOR BALLARD

PROFESSOR CARRUTHERS*

PROFESSOR ERDMAN

The college rules require a two-unit course to be taken in this department each year spent at Occidental. Freshmen will take course 23-24. Sophomores may elect any lower division course with the added choice of certain upper division courses, as indicated, but with lower division credit.

MAJOR: Twenty-one units in the upper division. Upper division courses must include 115, 122 and 130.

MINOR: Nine units in the upper division.

Prerequisite to the major or minor: Twelve units in the lower division. These courses must include at least 1, 21, 22, 23-24; the remaining four units may be elected from other courses in the department or from Philosophy 11-12, Greek 11, 12, History 1-2, Political Science 1-2, Sociology 1-2. Certain courses in other departments, not in excess of six units, may, upon approval of the Department of Religion, be credited toward a major. Among such courses are the following: Philosophy 101, 102, 103, 104, 105, 106; Psychology 124; Sociology 152, 158, 160; Speech Education 150, 162.

LOWER DIVISION COURSES

1. Life of Jesus.

ERDMAN

The historical background; chronology and harmony of the four gospel accounts; teaching methods and most important teachings of Jesus.

2 hours, second semester.

2. Life and Letters of Paul.

ERDMAN

A comprehensive study of the life and teachings of Paul, as recorded in the Acts and the Pauline Epistles; his character and his message.

Not given in 1927-28.

2 hours, second semester.

3. Old Testament History.

ERDMAN

A survey of the more important events and characters from Genesis through Second Kings.

2 hours, second semester.

21. Significance of the Old Testament.

BALLARD

A general introduction to Old Testament literature; its contents, its full historical setting, the development of its outstanding ideas, and its permanent value for ethics and religious thought.

2 hours, first semester.

22. Introduction to the New Testament.

BALLARD

History of the period between the Testaments; the story of the writing of the New Testament books and the actual historical situation out of which each one arose; date, authorship and sources.

2 hours, second semester.

*Extension Professor of Religious Education.

23-24. The Bible as a Book.

BALLARD

The origin of the various parts of the Bible and their formation into a canon; early manuscripts and versions; the story of the English version; the land and people of the Bible; its place in literature, history and among the world's other sacred writings; varieties of structure and purposes; a panorama of its contents; how to understand the Bible and how to use it aright. This course underlies much of the work of the entire department. It is required of freshmen; open to any others.

1 hour, throughout the year.

Neither semester may be taken separately without special permission.

UPPER DIVISION COURSES

104. Archeology and the Bible.

CARRUTHERS

1 hour, throughout the year.

107. Evidences of Christianity.

ALLISON

An outline of the major grounds for the truth of the Christian religion, with special attention to the more practical phases.

2 hours, first semester.

108. The Teaching of Jesus.

ALLISON

The chief lines of thought in the message of Jesus, and an examination of the claims he made as to his own teaching.

2 hours, second semester.

109. Wisdom Literature of the Old Testament.

ERDMAN

An intensive study of Job, Ecclesiastes and Proverbs, and a brief study of Ecclesiasticus and the Wisdom of Solomon. Open to sophomores by permission.

Not given in 1927-28.

2 hours, first semester.

110. Christianity and Social Problems.

DAY

The social origins of Christianity and the social teachings of Jesus. A direct application of Christian social principles will be made to the problems of the family and to the economic, social, industrial and political life of modern society.

2 hours, second semester.

115. History of Christianity.

BALLARD

An outline of the chief developments in Christian thought studied in relation to the history of the church and the personality of the great Christian leaders and teachers. Required for major. May not be given 1927-28.

3 hours, first semester.

118. The Prophets

The historical situation out of which the prophets arose and their messages for those situations, together with the applicability of these messages to the modern world.

2 hours, second semester.

122. The Psychology of Religion.

BALLARD

The mental factors and processes involved in the origin and more especially in the various forms of religious belief, practice and experience. Required for major.

Prerequisite: Psychology 2 or satisfactory equivalent.
2 hours, first semester.

129. Christian Ideas and Modern Thought.

BALLARD

Such fundamental Christian teachings as God, Immortality, Freedom, Revelation, Providence and the Historic Jesus considered in the light of modern science and philosophy.

Prerequisite: Philosophy 11-12 or satisfactory equivalent.
2 hours, second semester.

130. Introduction to Religious Education.

CARRUTHERS

Including introduction also to social service in the church. Required for major. Open to sophomores by permission.

2 hours, second semester.

131. Methods and Materials of Religious Education.

CARRUTHERS

How to build a program of church school service.

2 hours, second semester.

133-134. Seminar in Religious Education.

CARRUTHERS

Various selected vocational projects in religious education.

2 to 4 hours, either semester.

135. Organization and Administration of the Church School.

CARRUTHERS

How to organize, manage and conduct a church school.

2 hours, first semester.

136. Worship in the Church School.

CARRUTHERS

The use of drama, music, art and scriptural materials in worship, programs for children, youth and adults.

2 hours, first semester.

GRADUATE COURSES

202. Seminar in Psychology and Religion.

BALLARD

The bearings of academic psychology, social psychology and the new psychology upon religious belief and experience. Exclusively for graduate students, with possible exception of seniors of unusual preparation and experience in this field.

2 hours, either semester.

SOCIOLOGY

(See Economics and Sociology)

SPANISH

PROFESSOR ALLISON

PROFESSOR BELL

PROFESSOR LOWTHER

ASSOCIATE PROFESSOR NIVON

ASSISTANT PROFESSOR WILEY

MAJOR: A minimum of twenty-two units in the upper division, including courses 101-102 and 105-106. Four of these units may be taken in approved courses of related departments. The attention of majors is called to appropriate courses in Latin, French, German, and English, to History 109-110, 111-112, 113, and to Economics 102. Majors planning to pursue graduate work should have a reading knowledge of French and German.

MINOR: A minimum of nine units in the upper division. Majors and minors should familiarize themselves with the general regulations of major and minor subjects and with the requirements of the upper division (catalogue, Part V).

Prerequisite to major or minor, and to all upper division courses: Course 5-6 or 3-4 with recommended grade. Under certain conditions courses 105 to 112 inclusive may be credited as graduate work.

In all courses except 1-2 credit will be given for the work of either semester. **THE HIGH SCHOOL TEACHER'S CREDENTIAL:** The requirements of the major, course 201, and a minimum of six graduate units.

SPANISH CLUB: Students wishing practice in Spanish conversation are urged to identify themselves with the activities of the Spanish Club, which holds monthly meetings of a literary and social nature.

LOWER DIVISION COURSES

1-2. Elementary Spanish.

THE STAFF

Pronunciation, essentials of grammar, reading of simple Spanish, writing, idioms, conversation. Credit not given for 1 unless followed by 2. A second modern language begun in college will receive only sixty per cent credit toward the degree. Spanish 1-2, if offered in fulfillment of the language requirement for the junior certificate, must be followed by Spanish 3.

5 hours, throughout the year. (10 units)

3-4. Intermediate Spanish, First Course.

THE STAFF

Readings from modern Spanish novelists, dramatists, and poets. Grammar review, composition, conversation, collateral reading. Students receiving a recommended grade in 3-4 may proceed immediately to the upper division.

Prerequisite: Course 1-2 or two years of high school Spanish.

3 hours, throughout the year. (6 units)

5-6. Intermediate Spanish, Second Course.

THE STAFF

For students with four years of entrance credit and for those failing of a recommended grade in 3-4. In content this course continues the work of 3-4.

Prerequisite: Course 3-4 or four years of high school Spanish.

3 hours, throughout the year. (6 units)

UPPER DIVISION COURSES

Prerequisite to upper division: Course 5-6 or 3-4 with recommended grade, and for courses above 102 the ability to understand spoken Spanish. In all upper division courses credit will be given for the work of either semester.

101-102. Advanced Composition and Conversation. ALLISON

Intensive exercises in oral and written Spanish, critical study of syntax, reports and discussions on periodicals and on collateral reading. This course aims to give a mastery of spoken Spanish. Required of majors and a prerequisite of course 201.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, throughout the year. (6 units)

105. Spanish Drama of the Golden Age.

NIVON

The rise of the drama in Spain, with study of the chief dramatists of the Siglo de Oro, especially Lope de Vega, Tirso de Molina, Alarcon, and Calderon, and their influence on foreign dramatists. Collateral reading and reports.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, first semester.

106. Spanish Prose of the Golden Age.

NIVON

Types of the novel in the sixteenth and seventeenth centuries, with special attention to the picaresque novel and to Cervantes. Historians and explorers. Collateral reading and reports.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
3 hours, second semester.

109-110. Modern Spanish Drama.

The development of the drama in Spain from the neo-classic period to the present, with some attention to lyric poetry. Collateral reading and reports. This course alternates with 111-112. Not given in 1927-28.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

111-112. Modern Spanish Non-Dramatic Literature. WILEY

The novel, short story, essay, and literary criticism during the nineteenth century; the "Generation of 98" and contemporary authors. This course alternates with 109-110. Given in 1927-28.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, throughout the year. (4 units)

125. Spanish Pronunciation.

WILEY

A study of phonetics based upon the work of Navarro Tomas, with some attention to Spanish-American pronunciation. Required of candidates for high school credentials offering Spanish as major or minor.

Prerequisite: Course 5-6 or 3-4 with recommended grade.
2 hours, first semester.

GRADUATE COURSES

201. Teachers' Course.

LOWTHER

A survey of methods, study of text-books, pedagogical bibliography, the Spanish course in secondary schools. Required of candidates for high school credentials offering Spanish as a major. Not credited toward the degree of Master of Arts.

See Education 201.

Prerequisite: Courses 101-102 and 125.

2 hours, second semester.

211-212. Seminar.

2 hours, throughout the year. (4 units)

220. Thesis for Master of Arts Degree.

Not to exceed four units.

SPEECH EDUCATION

PROFESSOR LINDSLEY

MISS TURNER, *Instructor*

MAJOR: For graduation, twenty-one units in the upper division. The upper division courses are divided into two groups: 100-150, the principles of logical discourse; and 150-200, oral interpretation and dramatic art. Major students should do work in practical speech making, oral interpretation and dramatics. A definite amount of work is required in actual platform presentation, either in debate or dramatics.

MINOR: For graduation, nine units in the upper division, divided between the two groups.

LOWER DIVISION COURSES

1. The Fundamentals of Speech.

Voice and English diction. The voice and body as agents of expression applied in oral discourse; breath control, voice placement, resonance, vowelization, grouping, emphasis.

Prerequisite to all courses in the department.

3 hours, either semester.

2. Public Speaking.

The selection, arrangement, and extempore presentation of original speech materials. The general ends of speech, outlining, the principles of attention.

Prerequisite: Course 1.

3 hours, either semester.

3. Oral Reading.

The elementary principles of oral interpretation; the assimilation and expression of thought and feeling.

Prerequisite to upper division courses in interpretation.

Prerequisite: Course 1.

3 hours, second semester.

20. English Words.

Vocabulary building. Synonyms, antonyms, and prepositions.

No prerequisite.

2 hours, second semester.

22. Parliamentary Law.

Drill in the principles and practice of parliamentary procedure.

No prerequisite.

1 hour, first semester.

40. The Use of the Library.

This course is designed to help the students to make more effective use of library materials. Based on practical exercises in the use of important library tools.

No prerequisite.

1 hour, first semester.

50. Voice and Speech Correction.

A special laboratory period that may be required of all students who present speech problems that impede their progress in the regular courses. Individual diagnosis and treatment. Designed also for foreign students. Open only to students registered in other courses.

No credit.

UPPER DIVISION COURSES**100. Advanced Public Speaking.**

The principles of unity, sequence, emphasis, and movement applied in oral discourse. Audience adaptation; the principles of attention. Emphasis on wide reading and a comprehensive synthesis of materials.

Prerequisite: Courses 1 and 2.

2 hours, first semester.

106. The Forms of Public Address.

A study of the special occasion. Speeches of introduction, presentation, response; dedication, anniversary, and memorial addresses; the eulogy; the after dinner speech.

Prerequisite: Courses 1 and 2.

2 hours, first semester.

110. The Rhetoric of Oratory.

Building the oration. The principles of style in oral discourse. Study and analysis of oratorical models from Beecher, Curtis, Grady, Phillips, and Lincoln.

Prerequisite: Course 100.

2 hours, second semester.

120. Argumentation and Debate.

An intensive course in the theory and practice of argumentation and debate. Phrasing propositions, analysis, briefing, evidence, reasoning. Practice debates.

Prerequisite: Courses 1 and 2.
3 hours, first semester.

122. The Psychology of Persuasion.

A study of the nature of response. Advanced study of the acting nature of special audience types; analysis and study of the psychological forces that affect human conduct; how to arouse interest, hold attention, and win response.

Prerequisite: Course 120.
3 hours, second semester.

130. Intercollegiate Debate.

A special course in platform debate for intercollegiate debaters. Sections for men and women.

1 to 3 hours.

150. The Oral Interpretation of Literature.

A study of the physical and intellectual basis of expression. The interpretation of the literary forms: lyric and narrative poetry, the essay, the drama.

Prerequisite: Permission of instructor.
2 hours, first semester.

156. Dramatic Reading.

The study, analysis, interpretation and class room presentation of scenes from modern plays. For advanced students.

Prerequisite: 1 and 3, and 150.
2 hours, second semester.

160. The Interpretation of Shakespeare.

A special course in the oral interpretation and appreciation of literature, limited to the study of three Shakespearean plays.

Prerequisite: 150.
2 hours, second semester.

162. The Reading of the Bible.

Prerequisite: 150.
1 hour, second semester.

164. Greek Tragedy.

The study, analysis, and interpretation of Greek tragedy roles. The work of this course is designed especially for students who may participate in the annual Greek play.

Prerequisite: 156, 160.
2 hours, second semester.

171-172. Play Production.

A study of the educational possibilities of amateur dramatics. Intended for those who are interested in the producing of plays. Principles of dramatic interpretation and characterization. Problems of staging and directing. The principles of dramatic evaluation. Study of the aim and development of present-day theatre movements.

Prerequisite: 156.
3 hours, throughout the year.

201. Teachers' Course.

Aims and methods in Speech Education. For prospective teachers. Lectures, demonstrations, outlined programs, individual practice.

2 hours, second semester.

ZOOLOGY

PROFESSOR ESTERLY (on sabbatical leave)

ASSISTANT PROFESSOR FIELD

ASSISTANT PROFESSOR SELLE

MAJOR: Twenty-one units in the upper division. Botany 1 and 2.

MINOR: Nine units in the upper division, including 101L.

Chemistry 105-106 may be counted as a major course in Zoology toward graduation.

LOWER DIVISION COURSES**1-2. Principles of Zoology.**

SELLE

Lectures and quizzes. A survey of the animal kingdom; classification; structures, habits, mode of life of various groups; heredity, genetics, eugenics; evolution; animal behavior. Students in the College-Hospital Course must take both 1-2 and 1L-2L in the freshman year. Open to all freshmen.

3 hours, throughout the year. (6 units)

1L-2L. General Zoology Laboratory.

SELLE

A number of invertebrate types are studied, as well as the shark and rat among vertebrates.

Prerequisite: Course 1-2, completed or in progress.

2 laboratory periods weekly, throughout the year. (4 units)

6. Human Anatomy.

SELLE

An outline of the structure of the human body; lectures, quizzes, demonstrations by charts, models, preparations.

Prerequisite: Courses 1-2, 1L-2L.

2 hours, second semester. (2 units)

8. Human Physiology.

SELLE

Text-books, lectures, outside reading. Not given in 1927-28.

Prerequisite: Course 1, completed.

3 hours, second semester.

8L. Physiology Laboratory.

SELLE

Not given in 1927-28.

Prerequisite: High school chemistry or equivalent, course 8, completed or in progress.

2 laboratory periods weekly, second semester. (2 units)

UPPER DIVISION COURSES

101. Comparative Anatomy of Vertebrates.

Text-book, quizzes, demonstrations, term paper.

Prerequisite: Courses 1-2 and 1L-2L. (2 units)

101L. Mammalian Anatomy.

A laboratory course dealing with structure of the cat.

Prerequisite: Courses 1-2 and 1L-2L.

6 hours in the laboratory weekly. (2 units)

103L. Osteology of Vertebrates.

A laboratory course in which the skeleton of vertebrates is studied.

Prerequisite: Courses 1-2 and 1L-2L; 101 in progress; required of those taking course 101.

3 hours in the laboratory weekly, first semester. (1 unit)

102. Histology.

ESTERLY

Microscopic anatomy of the higher vertebrates. Text-book, collateral reading, and reports. Given alternately with course 104. Not given in 1927-28.

Prerequisite: Courses 1-2 and 1L-2L, and Junior standing.

2 hours, second semester. (2 units)

102L. Histology Laboratory.

ESTERLY

Study of preparations of various tissues of higher vertebrates; training in preparing microscopic slides by different methods. Given in the same year as course 102.

Prerequisite: Course 102, completed or in progress.

6 hours in the laboratory weekly. (2 units)

104. Vertebrate Embryology.

The development of the body. Text-book, models, collateral reading. Given in alternate years with course 102. Given in 1927-28.

Prerequisite: Courses 1-2 and 1L-2L, and Junior standing.

2 hours, second semester. (2 units)

104L. Embryology Laboratory.

Study of development of chick and pig; preparation of microscopic slides, including whole mounts and serial sections. Given in the same year as course 104.

Prerequisite: Course 104, completed or in progress.

6 hours in the laboratory weekly. (2 units)

105. Cytology.

SELLE

The structure and activities of cells. Given in alternate years. Given in 1927-28.

Prerequisite: Courses 1-2, 1L-2L, and at least Junior standing.

2 hours, first semester. (2 units)

106. Medical Zoology.

SELLE

Structure, life cycles, habits of parasites of higher animals; relation to disease. Text-book and demonstrations. Given in alternate years. Not given in 1927-28.

Prerequisite: Courses 1-2, 1L-2L, and at least Junior standing.

2 hours, second semester. (2 units)

106L. Parasitology Laboratory.

SELLE

Study of structure of parasites of higher animals, including man; preparation of microscopic slides. Given in same year as course 106.

Prerequisite: Courses 1-2, 1L-2L, 106, completed or in progress; Junior standing.

3 or 6 hours in the laboratory weekly. (1 or 2 units)

107. Economic Vertebrates of California.

SELLE

Study of relation of vertebrates to welfare of man. Lectures and assigned reading. Given in alternate years. Not given in 1927-28.

Prerequisite: Courses 1-2, 1L-2L; Junior standing.

2 hours, first semester. (2 units)

121L. Advanced Laboratory.

SELLE

The student works independently on a chosen topic, and the results are embodied in a paper at the end of the course. Open to seniors and graduate students.

Prerequisite: At least 6 units of upper division work.

3 or more hours in the laboratory weekly, first semester. (1 unit for each 3 hours)

201. Teachers' Course.

SELLE

Given in alternate years. Given in 1927-28.

See Education 201.

2 hours, second semester. (2 units)



Part XI

FEES AND EXPENSES SCHOLARSHIPS AND PRIZES



STUDENT EXPENSES

The expenses of students at Occidental College are itemized in a schedule which appears later in this section. The tuition charge to the student is about one-half the cost to the College. The balance is met by the income from endowment fund and by gifts from trustees, alumni and other friends of the College. The College invites gifts of scholarship and loan funds to be administered for the benefit of worthy students. A description of such funds already created will be found under the appropriate heading.

REGULATIONS

Tuition, rent, board and student body fees are payable in advance as a prerequisite to registration. All other charges are payable upon a date early in the semester as fixed by the Comptroller's office. Charges are made for the entire semester only, but in the event that a student is forced to withdraw, a refund will be made of tuition only when duly claimed in writing and approved by the Dean of the College according to the following plan: The whole of the tuition fee less ten dollars (registration and business office overhead charge) when the student withdraws within two weeks after registration; two-thirds of the tuition fee when the student withdraws at a later time, but within four weeks after the date of registration. In cases of sickness necessitating an absence of a half semester or more, one-half of the tuition will be refunded upon

the written recommendation of the College Physician. Prepaid board bills will be refunded on a pro rata basis.

No refund will be made to a student who is dismissed or suspended.

No student will be granted a diploma or transcript of record, until all college bills, and any other forms of indebtedness, have been paid in full.

Students who are dependent upon their own earnings for payment of their tuition may arrange for deferred payments provided that the request is made in writing by their parents or guardians at least one week before the date of registration. Communications should be directed to the Comptroller, Occidental College, Los Angeles.

TUITION, FEES, AND DEPOSITS

The following table indicates the regular charges EACH SEMESTER, payable on or before the day of registration.

TUITION, undergraduate, including registration and library fees and privileges of athletic and recreational facilities ¹	\$125.00
TUITION, graduate school.....	100.00
STUDENT ACTIVITY FEE (collected for Associated Students) ²	10.00
LUNCHEON MEAL TICKET, all regular students ³	18.00
TUITION, graduate, less than 12 units, per unit	8.00
TUITION, undergraduate, less than 12 units, per unit.....	10.00
(Minimum charge \$50.00)	

PHYSICAL EDUCATION FOR WOMEN—Courses

1 to 8.....	3.00
STUDENT HEALTH FEE.....	2.50

RESIDENCE HALLS

A deposit of \$10.00 is required with all applications for rooms. (See page 146 for complete statement of residence halls.)

SWAN HALL FOR MEN..... \$70.00 to 45.00

ORR AND ERDMAN HALLS FOR
WOMEN 137.50 to 75.00

BOARD AT COMMONS (evening meal for
women—Monday through Thursday)⁴..... 36.00

LABORATORY AND SPECIAL FEES

The following table indicates the special fees EACH SEMESTER, payable upon notice from the Registrar's or Comptroller's Office.

BOTANY, ZOOLOGY, GEOLOGY, PHYSICS, DIETETICS; per unit of credit.....	\$ 3.00
CHEMISTRY, per unit of credit.....	5.00
CHEMISTRY, BREAKAGE FEE, the unexpended balance of which is returned.....	5.00
EACH SEMESTER HOUR OF CLASSWORK OVER 18	8.00
LATE REGISTRATION.....	3.00
CHANGE IN SCHEDULE—beginning fourth day after registration	2.00
SPECIAL EXAMINATIONS.....	2.00
TRANSCRIPT OF CREDITS BEFORE GRADUATION (each)	5.00
GRADUATION	10.00
GRADUATION FEE—Pre-technical courses.....	50.00

GRADUATE STUDENT FEE for student not in residence, payable for semester in which thesis is presented.....	25.00
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SPECIAL MUSIC FEES

MR. HARTLEY, MR. ZOELLNER, MISS HOOKE	
One half-hour lesson, weekly, per semester.....	\$ 60.00
Two half-hour lessons, weekly, per semester...	110.00
Each half-hour additional lesson, weekly, per semester	55.00

MISS HAURY, MRS. HARTLEY	
One half-hour lesson, weekly, per semester.....	\$ 45.00
Two half-hour lessons, weekly, per semester...	80.00
Each half-hour additional lesson, weekly, per semester	40.00

PRACTICE FEE FOR USE OF PIANO

One half-hour daily (voice students) per semester	\$ 3.50
One hour daily, per semester.....	6.00

PRACTICE FEE FOR USE OF ORGAN

Will vary with the instrument from 25c to 50c per hour. Organ students required to spend part time at piano.

REGISTRATION FEE for any pupils accepted outside college enrollment, per semester, \$10.00.

FOOTNOTES

1. The tuition fee covers theoretical courses in music, but not individual instruction in voice, piano, organ and so forth.
2. This fee entitles student to (1) admission to all athletic, debating, and oratorical contests under conditions prescribed by the Executive Committee of the Student Body; (2) subscription to "The Occidental"; (3) one copy of the College Annual; (4) all privileges of class membership; (5) all privileges of membership in the Student Body.
3. This charge entitles students to three six dollar non-transferable meal tickets, good for all meals served at the College Commons (except evening meals for women residence hall students. See below.)
4. The privilege of being excused from any one of these meals is given to those who give proper notice at the office of the residence hall of their intention to be absent. Refunds of credits thus established will be made once a month.

AVERAGE EXPENSES

Information concerning living expenses in the residence halls and at the College Commons may be obtained in Part XII of this catalogue.

The average necessary expenses for a student in residence are approximately \$750.00 for the academic year. This amount is practically the same as that found in other similar institutions similarly situated.

SELF-SUPPORT

To assist and encourage both men and women students who must earn a part of their expenses while in college, organizations are maintained which undertake to discover and list opportunities of remunerative employment. Men students desiring employment should register with the Self-Help Committee of the Y. M. C. A.; women students should apply for information and advice at the office of the Dean of Women.

No responsibility can be assumed for supplying work, but plans can often be suggested through which students of initiative and industry may earn part of their expenses while in college. Only in rare instances can students be entirely self-supporting; nor should a student undertake to earn a larger part of his expenses than is absolutely necessary. A first-year student in particular will need time to adjust himself to college work, to systematize his time, and to discover opportunities of readiest casual work or to find regular employment which will not seriously interfere with his main object of securing an education. When the student has become oriented in his surroundings and his

college work, he may, with due diligence, devote twelve to twenty-four hours per week to outside work and still carry a program of from twelve to fifteen units of studies. It should be borne in mind, however, that these in themselves involve thirty-six to forty-five hours per week.

A student who wishes to earn part of his expenses will do well, therefore, to enroll for a program rather lighter than the average; he should attempt to find employment prior to the opening of college; or, failing in this, should enter with a reserve fund sufficient to carry him through the first months. Due to the proximity of the campus to the city, opportunities for employment will not be lacking. Moreover, the schedule of classes often enables a student to order his time advantageously to outside work; for he may arrange his program of studies so that his afternoons are comparatively free, or that one or two days of the school week may be given over entirely to employment.

Self-supporting students are respected. Not a few of Occidental's graduates, including some of her most creditable representatives, earned a major portion of their expenses while in college. Self-maintaining students, whose scholarship is high, are given preference in awarding scholarships; and statistics in general would show that students of initiative and industry in self-support hold scholarship records well above the average.

SCHOLARSHIPS

Scholarships are intended as aids to students of high merit, as proved by previous attainments, who are chiefly dependent upon their own efforts in securing a college education.

A limited number of College scholarships are annually available to advanced students of highest standing in their major subjects, who act as readers or assistants, or in other capacities which are of distinct educational advantage in their major departments. These scholarships range in value from one-half to full tuition. They are usually awarded on nomination from the department concerned. Students may make application for these scholarships to heads of departments or to the Dean.

Additional scholarships are awarded for the relief of deserving students who are unable to pay all of their tuition. The beneficiary is, in some instances, named by the donor; otherwise, by the Administration. A candidate for one of these scholarships must meet the following conditions:

1. Endorsement of application by persons of recognized standing in his home community.
2. Agreement to the understanding that he intends to complete his course at Occidental College.
3. Maintenance of creditable standing in his scholarship in the College and general demonstration that the assistance has been worthily bestowed.
4. Practice of economy in habits, and act in accord with the best ideals of the College.

LIST OF SCHOLARSHIPS

THE HORACE CLELAND SCHOLARSHIPS, established by the Alumni Association in honor of Rev. T. Horace Cleland of the Class of 1903, is awarded to a member of the Junior or Senior Class who seems best entitled to it on the basis of need, merit and scholarship record.

MARY CARRUTH CUNNINGHAM SCHOLARSHIP, established and maintained by the Occidental Women's Club, is annually awarded to some young woman of unusual ability and merit, usually a member of the Junior or Senior Class.

THE BIDWELL SCHOLARSHIP FUND, an endowment of twenty-two thousand dollars, administered by the Board of Christian Education of the Presbyterian Church, the income of which is annually available for scholarship help for worthy students.

THE PRIDHAM FUND, twenty-five thousand dollars given by Mr. R. W. Pridham of Los Angeles as a memorial of his deceased wife, the income of which is to provide scholarships for worthy students of limited means.

THE PEARL TIFFIN MEMORIAL FUND, thirty thousand dollars, partially subject to an annuity, was given by Dr. and Mrs. W. W. Tiffin in memory of their young daughter, the income to provide scholarship aid to young women, preferably who are preparing to enter the medical profession on the Foreign Mission Field.

THE ZECHARIAH DUNCAN MATHUSS SCHOLARSHIP, five thousand dollars given by Mrs. Z. D. Mathuss for scholarship aid to worthy and needy students.

THE ARTHUR NOBLE SCHOLARSHIP, thirty-five hundred dollars given by Mr. Arthur Noble to provide aid for a worthy student during his college course.

THE THEODORE C. KOETHEN SCHOLARSHIP, two thousand dollars given by Mr. and Mrs. Walter L. Koethen of Eagle Rock in honor of their son, a gold star man of Occidental College of the Class of 1919. The fund is in trust with the First Presbyterian Church of Eagle Rock; the income of \$100.00 is available

each year to a young man preparing for missionary work or to the son of a missionary.

THE BLEE SCHOLARSHIP FUND, two thousand dollars given by Mr. and Mrs. R. G. Blee of Santa Ana, the income of which is available for scholarships.

THE MARY ANDREWS CLARK MEMORIAL SCHOLARSHIP, endowed by her daughters, Mrs. Elizabeth Abascal, Mrs. Mary Margaret Miller, Mrs. James N. Newell, and Anna B. Clark, the income of which is available for scholarship aid.

THE MARY MARGARET MILLER MEMORIAL SCHOLARSHIP, endowed by her sisters, Mrs. James N. Newell and Anna B. Clark, the income of which is available for scholarship aid.

MARY ANDREW CLARK SCHOLARSHIP, fifty-two hundred dollars given by Mrs. J. M. Newell and Miss Anna B. Clark in honor of their mother, Mrs. Mary Andrew Clark, the income of which is available for scholarships.

MRS. L. SCHOONOVER SCHOLARSHIP, a fund of five hundred dollars given by Miss Mary Schoonover in memory of her mother, the income of which is to be used for aid to needy students.

WOMEN'S FEDERATED AID SOCIETY OF LOS ANGELES PRESBYTERY, Mrs. W. E. Reavis, Secretary, provides the tuition for a student nominated by the Society for the four year course.

THE MYRTLE THOMPSON-IDA UZELLE MEMORIAL SCHOLARSHIP, a sum of \$135.00 given annually by the Gamma Sorority, provides scholarship help for one worthy student each year.

THE CRAWFORD SCHOLARSHIP FUND, a fund of \$300.00 given by Mr. O. C. Crawford, provides scholarship help for two or more worthy students each year.

THE EDWIN FORREST BOYD SCHOLARSHIP, an endowment fund being created by Dr. Edwin Forrest Boyd of Los Angeles to furnish a scholarship for a worthy student.

THE CHURCH SCHOLARSHIPS; scholarships founded in the early days of the College by the following churches:

- (a) The First Presbyterian Church of Glendale;
 - (b) The Immanuel Presbyterian Church, Los Angeles;
 - (c) The First Presbyterian Church, Long Beach;
 - (d) The First Presbyterian Church, Santa Monica
 - (e) The First Presbyterian Church, Santa Ana.
- Each of these scholarships provides for the tuition of one worthy student per year.

THE DIMMICK SCHOLARSHIP, a fund of one thousand dollars, the income of which is available for scholarship aid.

THE FILES SCHOLARSHIP, a fund of one thousand dollars available for scholarship aid.

THE PARSONS SCHOLARSHIP, a fund of one thousand dollars to provide aid for a worthy student.

THE SHIPMAN SCHOLARSHIP, a fund of one thousand dollars available for scholarship aid.

THE OCCIDENTAL COLLEGE WOMEN'S CLUB maintains a Loan Fund from which worthy women students may obtain limited scholarship aid.

THE OCCIDENTAL WOMEN'S FACULTY CLUB has a Scholarship Fund from which loans may be made in the sum of one hundred dollars or less to worthy students.

THE THOMPSON LOAN FUND, founded and maintained by Walter Van E. Thompson, of the Class of 1896, is available for short time loans to worthy students. The loans may run from one to twelve months. Interest earned is added to the principal.

OCCIDENTAL COLLEGE LOAN FUND, the sum of six thousand dollars given by Dr. Clarence J. Gamble for a perpetual loan fund, is available as supplemental aid to needy and worthy students of the Senior or Junior Class under terms of the fund.

PRIZES

RELIGIOUS EDUCATION PRIZES. One thousand dollars given by Professor C. Pardee Erdman as a memorial to his wife, Grace Carter Erdman. This furnishes three prizes for the best work done in the Department of Religious Education.

SPEECH EDUCATION PRIZES. The sum of eighty-five dollars given annually by Mr. J. S. Pashgian of Pasadena, is awarded to three students for excellence in oratory.

Cash prizes for excellence in debate are awarded annually by Paul C. Elliott, Newell J. Elliott and Alfred O. Elliott in memory of their father and mother, Dr. and Mrs. O. A. Elliott.

To stimulate interest in dramatics, Dr. J. V. Clothier offers an annual prize of \$25.00 to be awarded for marked proficiency of attainment in the field of dramatic art.

Part XII

RESIDENCE AND DINING HALLS



RESIDENCE HALL FOR MEN

James Swan Hall, the residence hall for men, is conveniently located facing the main quadrangle and overlooking the athletic field. It is a strictly fireproof building, heated by steam, lighted by electricity, and well supplied with shower rooms and sleeping porches. An attractively furnished reception room provides a center for the social activities of the men.

Rooms are rented for the full college year at rates from ninety to one hundred forty dollars. One-half of the year's rental plus ten dollars is payable in advance for the first semester. The balance is due at the beginning of the second semester.

Applications for rooms are to be made through the office of the Dean of Men. A deposit of ten dollars, which is not refundable after August first, is required before a reservation is complete. This deposit is retained as a breakage deposit, the balance of which will be returned after deducting each student's pro rata share of any damage sustained by the building and equipment during the year.

The rooms are furnished with single beds, mattresses, chiffoniers, study desks and chairs. Students must provide pillows, blankets, sheets and white spreads, three-quarter size, pillow cases, and towels. These should be distinctly marked with the student's whole name. The laundry of the bed linen will be paid

for by the college. The college also provides house-keeping service, but the students are expected to co-operate in keeping the rooms in a tidy condition. No cooking utensils or heating apparatus of any kind are permitted in the rooms. Inspection will be made from time to time by the faculty health committee and by the Dean of Men. The right to occupy a room is given only to the student to whom the room is assigned and to his roommate. The college reserves the right to exclude from the building any student who proves himself undesirable.

Freshmen who cannot be accommodated in Swan Hall will be required to live in rooms provided by the college in one of the private homes adjacent to the campus. These rooms will be under supervision of some one directly responsible to the Dean of Men and the students so accommodated will be required to conform to the rules of conduct governing the residents of Swan Hall.

RESIDENCES FOR WOMEN

All arrangements for the residence of women students are to be made through the office of the Dean of Women. The Halls of Residence are being built as separate units, enclosing a beautiful terraced garden. Orr Hall, the first of these units, will be the home of freshmen women as it has been for two years. Erdman Hall, which will be ready for occupancy at the opening of the session of 1927-28, will be used by women above the freshman year.

The policy of the college is to reserve rooms for the women students in these Halls until the space is exhausted, and to provide, if necessary, for the overflow in houses on the edge of the campus.

Orr Hall contains twenty-six single rooms varying in price from one hundred and fifty to two hundred and fifty dollars; six double rooms varying in price from one hundred and fifty to two hundred dollars for each occupant; three suites consisting of three single bedrooms and a common study at two hundred dollars for each occupant; five double rooms with sleeping porches ranging in price from two hundred to two hundred and twenty-five dollars for each occupant.

Erdman Hall will accommodate seventy women. It contains twenty-eight single rooms with and without private bath, varying in price from one hundred and sixty to two hundred and seventy-five dollars; seventeen double rooms with and without bath, varying in price, for each occupant, from one hundred and sixty-five to two hundred and twenty-five dollars; four double rooms with sleeping porches varying in price, for each occupant from two hundred and thirty-five to two hundred and seventy-five dollars.

Rooms in both residence halls are heated by steam and lighted by electricity. They are furnished with chairs, tables, dressers, single bedsteads, mattresses, rugs and curtains. All other bedding together with towels, distinctly marked with the whole name, must be supplied by the occupants. The laundry of these articles, not to exceed ten pieces per week, will be paid for by the college.

Rooms will be rented for the college year only. A deposit of ten dollars (\$10.00) should accompany an application for a room. It will secure a reservation and will be retained as a breakage fund until the end of the college year, when deductions will be made for damages to buildings or furniture. Applications will take the date upon which the fee is received. In Sep-

tember 1927, the Residence Halls will be open one day before the first meeting of the Freshman Class. They will be closed the day after Commencement and also during the Christmas, mid-year and Easter vacations.

THE COMMONS

The college dining hall, known as the Commons, which is conducted under the management of the college, provides regular meals and a la carte service at the lowest possible rates consistent with good quality of food and service. Women in residence are required to take their evening meal from Monday through Thursday in the Commons. All students are required to purchase three six dollar meal tickets during each semester which is equivalent to a charge of one dollar per week. All board bills are payable in advance.



PART XIII

GENERAL REGULATIONS



STUDENT CONDUCT AND DISCIPLINE

Students are admitted to the College on recommendation as to their moral fitness, and are expected to set and observe among themselves a proper standard of conduct, both within and without the College. Any student who violates the codes of common morality, honor, or good citizenship, or who refuses to abide by the regulations of the College, will be judged in the light of circumstances and given such penalty as the case may merit, ranging from admonition to expulsion. The College also reserves the right, without naming specific charges, to exclude from its privileges any student whose presence, in the judgment of the faculty and administrative officers, has proved to be undesirable.

THE HONOR SYSTEM

The Honor System in work and in examinations has been voluntarily adopted by the students of Occidental, and a system of student self-government exercises certain functions within the student body. An Honor Court composed of the President of the student body and six other upper-class students, undertakes, with the co-operation of the College authorities, to maintain the spirit of honor and the good name of the College. To this Court the President of the College may refer cases of student delinquency, especially those of dishonesty in work and examinations; or any student or instructor may bring such cases to the notice of the

Court. The findings of the Court and its recommendations to the President of the College and the Committee on Student Conduct and Scholarship are ordinarily confirmed and voted as College judgments.

SOCIAL LIFE

The regulations governing the social life of the College are the result of faculty and student co-operation. Their object is to ensure comfort and safety and good citizenship in the College community.

Women students in residence are under the direct supervision of a Committee on Residence made up of faculty and student members.

COMMITTEE ON RESIDENCE

Mrs. Julia A. Pipal, Chairman, representatives from the organized and the unorganized groups of women; Miss Lucy Cutler, Head Resident of Orr Hall; Dean Irene T. Myers, *ex-officio*.

RELIGIOUS PRIVILEGES

The purpose of Occidental College is to fit young men and women for life in its largest sense, under distinctively Christian influences. Various religious privileges, in addition to the formal chapel exercises of the College, contribute to the atmosphere of Christian culture surrounding the student.

The Y. M. C. A. and the Y. W. C. A. are both represented by strong organizations, active and effective in student life. Their regular meetings are addressed by influential speakers; definite work is carried on by both in social service. Both organizations assist new students in entering the social life of the College; each

year they publish the *Handbook*, an official guide to Occidental traditions; each renders an important service through Self-Help Bureaus, conducted for the benefit of those who seek to earn a part of their expenses during the college year. Both societies are supported by a large majority of the student body.

The Student Volunteer Band, a particularly strong organization, is a constant stimulus to the religious life of the College. Largely through its influence Occidental now has a representation of more than fifty men and women on foreign mission fields.

Churches in the vicinity of the College give special attention to student constituency, while the larger churches of the city offer religious privileges of exceptional merit.

COLLEGE ASSEMBLIES

The bi-weekly College Assembly, the Student Assemblies, and the chapel exercises, characterize the unity of Occidental life. The student gatherings discuss and deal with all activities organized under the Student Body constitution, as well as other interests of student concern. The weekly Assembly is the formal convocation of the entire College. It is addressed regularly by eminent men and women, often of national and international recognition, on topics vital to our social structure. On other days of the week brief morning prayers are conducted in the Chapel.

HEALTH REGULATIONS

The College exercises advisory supervision over the health of its students through its Department of Physical Education and the Office of the College

Physician, Kenneth E. Smiley, M. D., and will render services to the students under the following specifications:

1. Each student will be given a thorough medical examination at the beginning of each year, and upon request may receive a written statement of his physical condition.

2. Consultation and treatment of minor ailments and emergencies will be given on the College Campus daily during the regular office hour from 4:30 to 5:30, except Saturday and Sunday. A fee of \$2.50 each semester is charged for this service. Members of the athletic teams will receive treatment for minor ailments upon a schedule prearranged by the Director.

3. Service rendered outside of that specified above will be charged for at a liberal discount, and the account will be settled through the physician's office.

Under the department of Physical Education will be found statements of the work in these departments.



Part XIV

STUDENT ORGANIZATIONS AND ACTIVITIES



THE ASSOCIATED STUDENTS OF OCCIDENTAL COLLEGE

The organization of the Associated Students of Occidental College, chartered under the student body constitution, controls all student enterprises. It functions through its Executive Committee, which is composed of the officers of the Association, the Graduate Manager, the Yell Leader, and one representative from each of the following: Alumni, Athletics, Faculty, Forensics, *The Occidental*, *La Encina*, and the Associated Women Students. All students are members of the organization. By voluntary assessment, each member pays ten dollars to the college treasury as an Associated Student Fund, which payment entitles each student to all privileges of membership in the Student Body (see Part XI, Fees and Expenses).

OFFICERS AND MEMBERS OF THE EXECUTIVE COMMITTEE 1926-1927

HARRY CUNNINGHAM	<i>President</i>
JANET HOIT.....	<i>Vice-President</i>
RUTH BILLHEIMER.....	<i>Secretary</i>
PHIL ELLSWORTH.....	<i>Graduate Manager</i>
KENNETH MONTGOMERY.....	<i>Alumni Representative</i>
JOSEPHINE STELLAR.....	<i>President Associated Women Students</i>
ARTHUR TEACHOUT.....	<i>Athletic Representative</i>
GLENN LEMBKE.....	<i>Oratorical Representative</i>
JOHN LOPER.....	<i>Editor "The Occidental"</i>
CYRIL GLOYN.....	<i>Yell Leader</i>
ED HACKETT.....	<i>Editor "La Encina"</i>
DR. W. D. WARD.....	<i>Faculty Representative</i>

THE ASSOCIATED WOMEN STUDENTS

The Associated Women Students, an organization to which all women students automatically belong, fosters and promotes those college interests with which its members as a unit are particularly concerned. It sponsors much of the social activity of women students. Through it the upper class women try at the beginning of the year to establish right social relationships for women entering college. Its organization consists of an executive board and a senate. It annually elects The Women's Tribunal, a court composed of six members from the upper classes, which is especially devoted to the maintenance of the traditions and ideals of the college. The president is *ex-officio* a member of the Executive Committee of the Associated Students, and of the Student Affairs Committee.

The organization is a member of the Southern California Intercollegiate Conference of Associated Women Students, and of the Western Section of the General Association of Women Students.

OFFICERS ASSOCIATED WOMEN STUDENTS 1926-1927

JOSEPHINE STELLAR.....	<i>President</i>
RUBY McDONALD.....	<i>Vice-President</i>
ROBERTA TAYLOR.....	<i>Secretary</i>
MARJORIE KING.....	<i>Treasurer</i>
ELIZABETH WILLBEE.....	<i>Athletic Representative</i>

FORENSICS

For all students interested in public discussion and debate the College offers an unusual opportunity. Both the men and the women students maintain forensic relations with many of the colleges of Southern California, notably: Pomona College, University of Southern California, University of California at Los

Angeles, and Whittier College. In addition to the contests with these institutions, debates are conducted annually with colleges and universities from the eastern and middle western states. On alternate years the College sends a debating team east on an extensive tour. Last year, on a trip to the middle west, Occidental debators covered nearly eight thousand miles of territory and met twelve institutions in public debate. The schools encountered were: University of Utah, Brigham Young University, Park College, Ohio Wesleyan University, Wittenberg College, Western Reserve University, Marquette University, Carroll College, Lawrence College, Macalester College, University of Denver, and the University of California at Berkeley.

Chapters of Tau Kappa Alpha and Pi Kappa Delta are well established in the College.

THE BOOK STORE

The Occidental Book Store, an Associated Student enterprise conducted under the Graduate Manager, furnishes text-books and other supplies to the students of the College. It also provides a medium through which the students may dispose of used text-books. All profits from the store go to the support of student activities.

STUDENT PUBLICATIONS

The College newspaper, *The Occidental*, edited and managed by an organized staff of the students of the College, appears weekly during the college year. The student annual, *La Encina*, is published in May by the Associated Students. A *Handbook* of information is issued at the beginning of each year by the Young Men's Christian Association and Young Women's Christian Association.

ATHLETICS

The department of Physical Education promotes many forms of both intercollegiate and intramural sport. As a member of the Southern California Conference, Occidental College each year schedules formal contests with several members of that Conference as well as with other leading colleges and universities of the Pacific Coast. In addition to participation in intercollegiate athletics a large majority of the students are active throughout the year in some form of intramural or other more or less informal sport. Tennis, boxing, wrestling, ice-hockey, football, baseball, track, swimming, water polo, crosscountry, handball, basketball, and golf are the more popular sports among the men. The women play basketball, hockey, tennis, indoor baseball, and various gymnasium games. Many of them also take instruction in swimming and aesthetic dancing, or ride or go hiking on nearby bridal paths or mountain trails. In general the College believes in and encourages all forms of wholesome athletics and outdoor recreation and carefully guards the physical well being of her students.

THE GLEE CLUB

Both the men and the women of the College maintain Glee Clubs. Membership in each is based upon ability shown in competitive trials at the opening of the college year. Besides furnishing music at the various exercises of the College, each club annually gives a concert. During vacations, the Men's Club regularly visits a number of towns and cities within the State. Each club contributes in notable degree to the social and artistic life of its members and to the musical interests of the College.

MODERN LANGUAGE CLUBS

Le Cercle Francais and El Circulo Español are two social organizations of the students who are studying French and Spanish respectively. The object of each is to familiarize its members with conversational use of the language and the culture of its people.

OTHER STUDENT SOCIETIES

The literary societies maintained by the students of the College include Press Club, the Forum, composed of men, and Dial and Laurean, composed of women.

The scientific and professional societies include Pi Epsilon Pre-Engineering Society, the Pre-Legal Society, the Science Club, and Theta Pre-Medic Fraternity.

Societies interested in art are Arden Dramatic Society and Theta Alpha Phi, national honorary dramatic fraternity.

Social organizations, among both men and women, maintain themselves in the College. All fraternities, including the various house clubs, are under the supervisory jurisdiction of a faculty Committee on Fraternities.



Part XV

ALUMNI ACTIVITIES



OCCIDENTAL COLLEGE ALUMNI ASSOCIATION

(Organized 1894)

The Alumni Association exists primarily for the service it can render to Occidental. To render service it must keep Occidental before the great body of more than two thousand alumni and non-graduates who have been a part of the College and it must furnish some channels of expression for the loyalty of these men and women.

Potentially, all graduates and former students who have completed at least one semester of work are members of the Association. To be members in good standing, however, dues for the current year must be paid. Only members in good standing are eligible to vote for the annual election of an alumni trustee and for the annual election of the officers of the association.

The Alumni Association is governed by a Council consisting of seven ex-officio officers and three groups of seven members each elected for a three year term of service. The Alumni Association is represented on the college staff by a permanent secretary-treasurer with an office at the college. Just at this time the Council is undergoing a reorganization upon the lines of greater representation of the alumni.

One important function of the Alumni Association is the election annually of an Alumni trustee for a three year period of service on the board. Ten alumni are nominated for the office by the Council, three of these ten are chosen by members of the association and one of the three is elected by the Board.

The official publication of the Alumni Association is the *Alumnus*, published four times each college year, in November, January, March and May. This magazine carries to the alumni body, all alumni, college and administration news and announcements, and some feature articles concerning alumni. Its policy and publication is in the hands of an editorial board appointed by the Council.

During the past year the alumni have undertaken a campaign for the first unit of a gymnasium group on the campus. A building including a basketball floor and department offices has been completed and occupied. Other units will be added a funds permit.

For the first time at this commencement an Employment Bureau under the supervision of the Alumni Association will be in operation. This has been established upon a small basis, serving at this time only members of the present graduating class, later it will be enlarged to serve alumni.

OFFICERS OF THE ALUMNI COUNCIL

1926-1927

CHARLES E. McDOWELL, 1910.....	<i>President</i>
MARY E. MUSSEN, 1924.....	<i>Vice President</i>
LUCILLE M. JACKSON, 1917.....	<i>Secretary-Treasurer</i>
R. BENAJAH POTTER, 1917.....	<i>Editor</i>
KENNETH MONTGOMERY, 1926.....	<i>Alumni Representative</i>

ALUMNI COUNCIL

	<i>Term Expires</i>
Edmund W. Pugh, 1911.....	1927
Edwin B. Lawyer, 1914.....	1927
Bruce Kirkpatrick, 1920.....	1927
Ella Anderson, 1925.....	1927
John Cherry Johnson, 1909.....	1927
Helen Veghte, 1923.....	1927
Theodore Stearns, 1915.....	1927
Millard M. Mier, 1916.....	1928
Ernestine Kinney, 1917.....	1928
Fred M. Johnson, 1912.....	1928
Lowell Chawner, 1921.....	1928
Charles Pearson, 1921.....	1928
Lois Tracy, 1924.....	1928
Leslie Lynn, 1895.....	1928
Charles E. McDowell, 1910.....	1929
Mary Mussen, 1924.....	1929
Fred McLain, 1916.....	1929
Byrd Rice, 1910.....	1929
Robert Blee, 1907.....	1929
Robert Creswell, 1919.....	1929
Thomas Holden, 1921.....	1929

TIGER CLUBS

One important activity of the Alumni Association for this year has been the organization of Tiger Clubs in communities where there are a sufficient number of Occidental people to make it advisable. Los Angeles City has a Tiger Club composed of men who meet once a month for luncheon. Tiger Clubs in outlying communities, however, include in their membership both men and women. A very active organization exists in Orange County, doing much fine work for the College in that part of the country. Other Tiger Clubs are being organized in San Diego, San Francisco Bay district, Fresno, Santa Palua, Santa Barbara, Honolulu, New York, Boston, Princeton, etc. These clubs mean much to the members and to the college they represent.

OCCIDENTAL WOMEN'S CLUB

The Occidental Women's Club is an organization of women graduates and non-graduates of the college. The object of the Club is to unite the women in the interest of things that particularly concern women at Occidental. The Club maintains a scholarship for women and a scholarship fund from which women may borrow money to help pay college expenses. The Club has had four luncheon meetings during the year 1926-27 at which Occidental women have been speakers; a party for the children of members and a tea for senior women completed the year's activities. The officers of the Club have been:

<i>President</i>	MISS MARY MUSSEN
<i>Vice President</i>	MISS HELEN WADSWORTH
<i>Corresponding Secretary</i>	MISS VERONA TROWBRIDGE
<i>Recording Secretary</i>	MISS LOIS TRACY
<i>Treasurer</i>	MRS. STANLEY K. BURGESS

ALUMNI CLASS SECRETARIES

- 1893 Mrs. F. R. Bear, 14 East Cypress St., Redlands, Calif.
1894 Donald K. Cameron, 4929 Cimarron Ave., Los Angeles, Calif.
1895 Alphonzo E. Bell, Administration Bldg., Bel-Air, Beverly Hills, California.
1896 Walter V. E. Thompson, 2251 East Seventh St., Los Angeles,
1897 Helen Harris, Kenilworth, Illinois.
1898-1900 Grace M. Lowder, 409 Haas Bldg., Los Angeles, Calif.
1902 Dr. Isabel Crowell, 925 No. Garfield Ave., Alhambra, Calif.
1903 Fred H. Schauer, 219 San Marcos Bldg., Santa Barbara, Calif.
1904 A. W. Buell, 3215 East First St., Long Beach, Calif.
1905 Mrs. A. A. Van Winkle, 4308 Tujunga Ave., Lankershim, Calif.
1906 Miss Grace Webster, 907 East Walnut St., Pasadena, Calif.
1907 Robert Blee, Puente, Calif.
1908 Mrs. Fred B. Caldwell, R. F. D. No. 1, Corona, Calif.
1909 Miss Lois MacKalip, 210 North Ave. 52, Los Angeles.
1910 Mrs. E. S. Robinson, 237 LaFollette Drive, Los Angeles,
1911 David R. Faries, 812 Pershing Square Bldg., Los Angeles,
1912 Harold Landreth, 309 Wigmore Dr., Pasadena, Calif.
1913 Mrs. John B. Shaw, 2660 Orchard Ave., Los Angeles, Calif.
1914 Mrs. Hugh McNary, 4416 Towne Ave., Los Angeles, Calif.
1915 Miss Helen Kemper, 15 South El Molino Ave., Alhambra, Calif.
1916 Mrs. John Cook, 1016 El Centro Ave., El Centro, Calif.
1917 Miss Lucille M. Jackson, Occidental College, Los Angeles,
1918 Mrs. Gerald Hills, 625 No. Marguerita Ave., Alhambra, Calif.
1919 Mrs. Delos Eldred, 1717 Fair Oaks, South Pasadena, Calif.
1920 Mrs. Lowell Donnell, 5234 Shearin Ave., Los Angeles, Cal.
1921 Mrs. Carl Bigsby, 210 No. Willow Ave., Compton, Calif.
1922 Miss Elizabeth Coutts, 1502 Fremont Ave., South Pasadena, Calif.
1923 Miss Sarah Lindsey, 923 Crenshaw Blvd., Los Angeles, Calif.
1924 Miss Mary E. Mussen, 363 South Bonnie Brae St., Los Angeles, Calif.
1925 Miss Mary Katherine Moore, 530 N. Ave., 54, Los Angeles,
1926 Miss Clara Atkinson, 1023 Fremont Ave., So. Pasadena, Calif.



PART XVI

DEGREES, HONORS AND PRIZES



DEGREES CONFERRED IN 1926

HONORARY DEGREES

DOCTOR OF LAWS

Bayard Dodge Robert G. Sproul

DOCTOR OF DIVINITY

William Cornett Charles P. Deems
John H. Creighton Homer K. Pitman

MASTER OF ARTS

Frederic Hinrichs

DEGREES IN COURSE

MASTER OF ARTS

J. Howell Atwood John Richard Limb
Laurence R. Cook Katherine Meese

BACHELOR OF ARTS

Albert Angus	David Mile Campbell
Clara Atkinson	William Franklin Chamlee
Elizabeth L. Austin	Ethel Beatrice Coleman
Milton David Barndt	Dorothy De Ette Conklin
Leland Spencer Barnes	Gordon F. Cornett
Eleanor Lois Barr	George Coutts
Rachael Ann Beach	Adeline Dally
Esther Lilian Black	Jean Davidson
Marie Ida Elizabeth Briggs	Robert S. Davidson
Kathleen D. Brown	Albert F. Faucette
Marjorie E. Brown	Grace S. Finley
Phil Buckman	Lois Folger
Frederick C. Butzine	Lorraine Fuller
Dorothy Fern Byram	Grace Giffen
Eunice Fay Caldwell	Hazel Malinda Garrison

Ruth Hall	Aram John Pashgian
Lucy Munn Hayward	Dorris May Potter
Harvey Hazeltine	Flora Celia Pozzo
Helen Hodges	Lawrence Raymond
Theresa B. Hoist	Karl P. Renius
Mary Elizabeth Hunter	Esther Jeanette Rideout
Bernardo Icamen Y. Rojas	Lloyd K. Rudell
Ethel Louise Isenor	Bernice Lucille Savage
Rupert Kalet	Eleanor Sawyer
Frank D. King	Elizabeth B. Sawyer
Elisabeth Stratton Kinney	Hugh Hammond Rutherford Scott
Robert M. Kleinpell	Lloyd Shearing
Frances Knudson	Walter R. Siewert
J. Murray Lee	Newell Stevens
Kathryn Mae Lee	George Stoller
Martha Leung	Harold G. Straight
Ralph Lewis	Carlotta Genevieve Sutherland
Carl Link, Jr.	Clara Clark Swaim
William M. MacInnis	Helene Grace Switzer
Lucia MacRae	Shizona Tanaka
Harriet Emily McConnell	Mary Taubman
Beth McLeod	Elna Marie Templin
Naomi Macomber	Josephine Cutting Thayer
George H. Maxfield	David K. Todd
Florence Isabelle Mitchell	Lillian Van Winkle
Dwight Miller	Irma Varoo
Charles Milos	Esther Kathryn Vickoy
Kenneth Montgomery	Francis Waddingham
Herbert Edward Morey	Roy J. Weaver
Marian King Morse	Tevis Westgate
Richard Murray Mussen	Elmer G. Westlund
Frank Iso Nakamura	Lauretta Alice Wheat
Eleanor Evelyn Newhall	Roy Wheeler
Myrtle Accola Newhall	Daniel White
J. Verden Nash	Doris Verlyle Wilson
Marianna Elizabeth Osborne	Kenneth Willard Wilson
Ethel-May Palmer	Anna Louise Wimmer
Edward Park	Carl Wolf
Daryl Parker	

SUMMARY OF DEGREES CONFERRED IN 1926

Doctor of Laws, Honorary.....	2
Doctor of Divinity, Honorary.....	4
Master of Arts, Honorary.....	1
Master of Arts, in Course.....	4
Bachelor of Arts.....	107

HONORS AWARDED IN 1926

CLASS HONORS

First Freshman—

Gregory, Rennie J.
 Pearis, Josephine

Second Freshman—

Brown, Maurice J.
 Cocke, Olive
 Ellsworth, Ted
 Fulton, Carol
 Zellhoefer, Marie F.

First Sophomore—

Dostert, Leon
 Gray, Minnie M.
 Henderson, Theodore C.
 MacLaughlin, Florence B.

Second Sophomore—

Browne, Aletha W.
 Hoag, Ena
 Dorman, Helen M.
 King, Alfred S.
 Ludlow, Bernice M.
 Ludlow, Mildred D.
 Morse, James K.
 Roush, Frank M.
 Ryan, Frances M.

First Junior—

Fagley, Hermon
 Folts, David
 Galarza, Ernest
 Hall, Harvey
 Schuckman, Fred

Second Junior—

Barrett, Herbert
 Gloyn, Cyril
 Henshaw, Frances
 Lembke, Glenn
 Lohrli, Annie
 Phillips, Loraine

First Senior—

Black, Esther
 Kinney, Elisabeth
 Kleinpell, Robert
 Pashgian, Aram
 Wolf, Carl

Second Senior—

Barndt, David
 Osborne, Marianna

FINAL HONORS FOR COURSE

First—

Kinney, Elisabeth
 Kleinpell, Robert

Second—

Black, Esther

Newhall, Myrtle
 Pashgian, Aram
 Potter, Dorris
 Straight, Harold
 Sutherland, Genevieve

Valedictorian, Robert Kleinpell
 Salutatorian, Elisabeth Kinney

ELECTED TO THE DELTA CHAPTER OF
PHI BETA KAPPA 1926

Black, Esther Lilian
Fuller, Lorraine
Garrison, Hazel
Hunter, Mary E.
Kleinpell, Robert
Kinney, Elisabeth

Montgomery, Kenneth
Potter, Dorris
Straight, Harold
Sutherland, Genevieve
Tanaka, Shizona
Wright, T. Page

PRIZES AWARDED DURING THE YEAR

DEPARTMENT OF BIBLICAL LITERATURE

THE GRACE CARTER ERDMAN PRIZE

First Prize, \$25.00—Genevieve Sutherland
Second Prize, 15.00—Leon Dostert
Third Prize, 10.00—Fred Schuckman

DEPARTMENT OF SPEECH EDUCATION

THE PASHIGAN PRIZES IN ORATORY

First Prize, \$50.00—Leon Dostert
Second Prize, 25.00—Donald Tyler
Third Prize, 10.00—Ernest Galarza

THE ELLIOT PRIZES IN DEBATE

First Prize—Glenn Lembke
Second Prize—Leon Dostert
Third Prize—Ernest Galarza



Part XVII

REGISTER OF STUDENTS

1926-1927



The home addresses indicated in this register are in the State of California and the City of Los Angeles unless otherwise indicated. The general post office addresses of all students in residence is Occidental College, Los Angeles, California.

The superior figure 1 indicates registration for the first semester only; 2 indicates registration for the second semester only. The dagger (†) indicates withdrawal for low scholarship, illness or other cause during the semester.

GRADUATE STUDENTS

² Angell, John.....	125 S. Avenue 63
A. B. Occidental College	
Bell, Mary Esther.....	1512 Oak St., So. Pasadena
A. B. Stanford University	
Brinegar, Marguerite.....	5203 Hermosa Ave.
A. B. Occidental College	
Carr, Winifred.....	457 N. Avenue 56
Ed. B. University of California	
Coleman, Ethel.....	15, 64th Place, Long Beach
A. B. Occidental College	
² Croissant, Albert.....	5743 La Mirada Ave.
A. B. University of Southern California.	
Daniels, Esli.....	Long Beach
A. B. Occidental College	
Dean, Allison.....	761 N. El Centro Ave.
U. S. Military Academy, West Point	
² Franklin, Betty.....	Carpinteria
A. B. Mills College	
² Franklin, Mary.....	Carpinteria
A. B. Mills College	
Garner, Gladys.....	626 N. Rampart Blvd.
Garver, Lela.....	1464 Gaviota Ave., Long Beach
Goodwin, Druzella.....	547 Helitorope Dr.
A. B. University of California	
Hall, Ruth.....	Strathmore
A. B. Occidental College	
² Haussler, J. Cecil.....	116 N. Olive St., Glendale
A. B. Walla Walla College	
² Hiatt, Mrs. Catherine.....	905 S. Mariposa, Glendale
² Johnson, Kenneth.....	455 Garfield, Pasadena
² Johnson, Woodbridge.....	2423 Ridgeview
A. B. Occidental College	

GRADUATE STUDENTS

169

- Kassel, Lola.....2351 Merton Ave.
A. B. Occidental College
- Kinney, Mrs. Elizabeth.....4610 Paulhan Ave.
A. B. Occidental College
- Link, Carl.....5430 York Blvd.
A. B. Occidental College
- Maier, Maurine.....331 N. Maryland Ave., Glendale
- ²Martner, Helen.....2362 Hollyridge Dr., Hollywood
A. B. University of Wisconsin
- Maxfield, George.....242 Orange St., Covina
A. B. Occidental College
- Mitchell, Elaine.....989 Locust St., Pasadena
A. B. University of California
- Montgomery, Kenneth.....1621 Paloma St., Pasadena
A. B. Occidental College
- Paden, Merle.....Grandview, Washington
B. S. Granville College
- Parks, Helen.....1630 E. Washington St., Pasadena
A. B. Pasadena College
- ²Rambeau, Anne.....116 N. Olive, Glendale
A. B. Walla Walla College
- ²Ringelman, Elda.....2356 Colorado Blvd.
- ²Ringelman, Elma.....2356 Colorado Blvd.
- Sewell, Willie Martin.....1059 Bresee Ave., Pasadena
A. B. Pasadena College
- Seymour, Helen.....863 Heliotrope Drive
A. B. University of California
- Siewart, Walter.....925 N. El Molino Ave., Pasadena
A. B. Occidental College
- Straight, Harold.....258 Bennet St., Long Beach
A. B. Occidental College
- Swaim, Clara.....611 N. Olive, Burbank
A. B. Occidental College
- Wheeler, Roy.....Baldwin Park
A. B. Occidental College
- ¹Whiting, Caroline.....154 W. 52nd St.
A. B. Syracuse University
- Wiebe, Herman.....54 N. Hudson Ave., Pasadena
A. B. Wheaton College
- Worley, Mrs. Prudence.....Swatow, China

SENIORS

- ¹Alkire, Martha Louise.....325 E. Palm Lane, Phoenix Arizona
- ¹Anderson, Leathy N.....1927 Marengo, South Pasadena
- Armstrong, Lois C.....172 Capitol St., Salinas
- ²Bell, Agness Hurlburt.....Garden Grove, California
- †Bailey, Carlisle.....5250 Hermosa, Eagle Rock
- ¹Barrett, Herbert W.....2740 Lake St., San Francisco

² Becker, Ednah.....	230 N. Mentor Ave., Pasadena
Betts, Frederick.....	392 Corondo Ave., Long Beach
Bierer, Kenneth.....	Woodlake, California
Billheimer, Ruth.....	1104 Fremont, So. Pasadena
Black, Charles Lee.....	355 N. Euclid, Pasadena
Black, Howard H.....	355 N. Euclid, Pasadena
Bloom, Carl.....	Hutchison, Kansas
Bone, F. Ewing.....	Menlo Park, California
Brodhead, Theodore.....	114 W. Greystone, Monrovia
Buell, Charlotte.....	317 Colorado Pl., Long Beach
Buley, Horace.....	800 Rome Drive, Los Angeles
Buxton, Bronson.....	1422 West Third, Santa Ana
Caldwell, Agnes Ozelle.....	326 W. Wilson, Glendale
Campbell, Louise.....	2635 W. Ave. 35, Los Angeles
Carper, Evelyn.....	Phoenix, Arizona
Chaffee, Eugene Bernard.....	Boise, Idaho, R. R. 2
Chaffin, Ruth.....	1938 Yosemite Drive
Chapman, Beatrice A.....	755 N. Chester, Pasadena
Craigmile, Viola.....	5614 Irvington Place, L. A.
Crawford, Jean.....	1821 Corson St., Pasadena
Conde, Victor.....	5929½ York Blvd., Los Angeles
Cunningham, Harry Willis.....	1115 Fairview Ave., S. Pasadena
² Curnutt, John Monroe.....	1955½ Budlong, L. A.
Dasher, Edith C.....	625 S. Madison, Pasadena
Deaver, Ralph.....	Puente, California
Denn, Ellen.....	207 Ave. C. Redondo Beach
†Dotseth, John A.....	Black Eagle, Montana
¹ Donley, Joseph.....	620 N. Central, Glendale, Calif.
¹ Eckhoff, Irving A.....	15 Ross, San Rafael, Calif.
Eddlemon, A. Ozro.....	Lodi, California
Evans, Stanley T.....	942 Grey Drive, Los Angeles
¹ Fagley, Herman.....	
Faris, Reba Janet.....	Fullerton, California
Farmer, Helen Mae.....	2137 Ridgeview, Eagle Rock
Featheringill, Marguerite.....	1701 Phillips Way, L. A.
Folts, David K.....	Darien, Wisconsin
Frank, Mabel A.....	284 N. El Molino, Pasadena
Free, Josephine A.....	2827 State, La Jolla, Calif.
Godett, Michael R.....	2939 Buchanan St., Los Angeles
Gloyn, Cyril Kennard.....	2849 S. Wilton, Los Angeles
Graf, Wilbur George.....	334 S. Bundy Dr., Brentwood Heights, Cal.
Grafious, Lester Palmer.....	346 S. Malabar St., Huntington Park
Hall, Mary Ellen.....	5261 Al Verne Ave., Los Angeles
Hall, Harvey.....	1323 Echo Park Ave., Los Angeles
Hamilton, Pearl L.....	620 E. 7th St., Long Beach
Hammersley, Marion B.....	Puente, California
Haseret, Lester Elihu.....	1138 Oak Grove Drive, L. A.
Haynes, Eugene V.....	440 Kensington Pl., Pasadena
Henderson, Theodore C.....	366 West 21st St., Los Angeles
Henshaw, Francis H.....	1010 S. Berendo

Herr, Ralph Gilbert.....	1567 Hazelwood Ave., L. A.
Hitch, Margaret.....	Moorpark, California
Hoit, Janet B.....	1244 N. Michigan Ave., Pasadena
Holland C. Wendall.....	126 N. Ave. 54
Holland, Mary Adelaide.....	227 S. 7th, Montebello
House, Hazel.....	2128 Laverna
Ireland, Francis.....	1000 E. Ocean Ave., Long Beach
Iwasaki, Ernest K.....	212 E. Mendocino, Pasadena
Keech, William John.....	3220 Arvia St.,
Kizer, Beatrice Muriel.....	312 N. Ave. 62, L. A.
Larsen, William Walter.....	1776 Brae Burn Rd., Altadena
Lembke, Glenn Lloyd.....	818 Montrose Ave., S. Pasadena
†Lavelle, Reginald.....	Salt Lake City, Utah
Lesh, Elisabeth Edith.....	409 N. Hill, Pasadena
Lind, Nena.....	1625 Las Lunas, Pasadena
Lohrli, Annie.....	403 Palm Ave., Riverside
Loper, John D. Jr.....	Phoenix, Arizona
McCunn, Drummond J.....	Redlands, California
McDonald, Ruby Alexie.....	517 N. 60th St., Seattle, Wash.
McDougall, Elizabeth.....	612 E. 17th St.
McIntyre, Flora.....	2195 West Ave., Pasadena
Miller, Hubert.....	2371 Norwalk Ave.
Mishkin, Solly.....	713 N. Vendome
Moeller, Clarence A.....	Delta, Colorado
² Nehls, Bennet.....	58 W. Peoria St., Pasadena
Okada, Shigeru.....	202 N. San Pedro St.
Orr, Robert M.....	1840 W. 38th Place
Palmer, Jessie Mae.....	227 N. Helena St., Anaheim
Park, Ross.....	1719 W. Ave. 46
Pashgian, Euphrates M.....	225 Grand View St., Pasadena
Peck, Samuel H.....	315 E. Lime Ave.
Phillips, Edward S.....	Sultana, California
Phillips, Loraine A.....	6151 Pasadena Ave.
² Potts, Wm. S.....	1890 Dawson Ave., Long Beach
² Price, Guthrie R.....	409 W. Hillcrest Blvd., Monrovia
Prichard, Elizabeth.....	1010 N. Madison, Pasadena
Reigart, Richard K.....	851 Locust Ave., Long Beach
Richardson, Paul E.....	317 N. Brand St., Glendale
¹ Robertson, Florence.....	2501 N. Flower St., Santa Ana
Ryan, Frances M.....	1118 Stratford Ave., S. Pasadena
Schuckman, Fred Arthur.....	302 W. Foothill Blvd., Altadena
Shaw, Leiland Richard.....	247 S. Johnston St.
Smith, Francis H.....	1654 Loma St., Santa Barbara
Smith, Ruth Louise.....	826 Lacy, Santa Ana
Soule, Edwin Atwater.....	1148 Manhattan Ave., Manhattan Beach
Stellar, Martha Josephine.....	1110 Glendon Way, S. Pasadena
¹ Stirling, Margaret R.....	6017 Eucalyptus Lane
Stone, Louise.....	257 W. California St., Pasadena
Tait, Winnifred.....	Phoenix, Arizona
Tanner, Ervin H.....	Morro Bay, California

Teachout, Arthur John.....	347 Annandale Blvd.
Terry, Duane Richard.....	1110 Yola Dr., Glendale
² Thompson, Zoe Elizabeth.....	1011 E. Lomita Ave., Glendale
Thomson, Lillian Christina.....	R. No. 1, Box 27, Orange, Cal.
Trehwella, Mary J.....	1522 Munson Ave.
Van Vleck, Helen Claire.....	713 N. Ave. 53
Watson, Dorothy.....	251 Valejo Dr., Glendale
Willbee, Elizabeth A.....	1914 Mont Robles Pl., S. Pasadena
Wyman, Paul D.....	244 N. Madison Ave.
Wright, T. Page Jr.....	3104 Homer St., Loma Portal, Cal.

JUNIORS

Abbe, Charles.....	Mount Vernon, New Hampshire
Adams, Fanny..N.....	1178 E. Mariposa St., Altadena
Ankeny, Lucille.....	280 B. Esparanza, Long Beach
Archer, Neal.....	203 N. Wilton Place
¹ Ballard, Gilbert.....	R. F. D 2, Box 210, Gardena
Barrett, Hannah Jane.....	2740 Lake St., San Francisco
Bean, John.....	Woodlake, California
Boly, Edna.....	773 San Francisco, Pomona
Bradner, Eric.....	237 Hill St., Ocean Park
†Brobst, Theodore.....	230½ N. Avenue 52
Browne, Aletha.....	318 S. Broadway, Redondo
Buchanan, Robert.....	408 E. Pine St., Lodi
Burleson, Donald.....	5314 Ellenwood Drive
² Cassatt, Karl.....	El Centro
Chambers, Ruth.....	2068 Escarpa Drive
Clark, Lavera.....	6162 Roy St.
Coulter, Harold.....	711 Wheeling Way
² Craig, Florida.....	2460 W. Colorado Blvd.
Crawford, Mary Lorraine.....	2501 S. Catalina
Creel, Thelma.....	715 Aldama Terrace
Cuthbert, Phillip.....	212 N. Avenue 56
Cutlip, Ralph.....	Braxton, West Va.
Davis, Dorothy.....	1484 E. California St., Pasadena
Davison, Betty.....	5309 Aldama St.
² Dike, Marian.....	244 W. Lime Ave., Monrovia
Dorman, Helen.....	1220 Berkeley Dr., Glendale
Drummond, Christine.....	1135 El Arbolado, Santa Barbara
Eckerman, Margaret.....	Covina
†Edmonds, Paul.....	121 S. Cedar, Glendale
Elton, Marjorie.....	6160 Monte Vista
Farquhar, Alice.....	Farquhar Ranch, San Fernando
² Farquhar, Eleanor.....	213 W. Cypress Ave., Redlands
Fisk, Helen.....	326 Mira Loma, Glendale
Foreman, Mildred.....	Douglas, Arizona
Foster, Cecil.....	324 Marigold St., Altadena
†Frery, Lucille.....	5311 Monte Vista

Fusco, George.....	2617 Thorp St.
Gaston, Jewel.....	308 Brockton Ave., Riverside
Glancy, Helen.....	605 W. 6th St., Santa Ana
Glynn, James.....	780 N. El Molino, Pasadena
² Graves, Betty.....	1505 S. Second St., Alhambra
Gray, Minnie.....	3667 McClintock Ave.
Greenlee, Gertrude.....	2149 E. Glen Oaks Blvd.
Hackett, Edward.....	807 Bedford Dr., Beverly
Haigh, Marion.....	520 S. Los Robles, Pasadena
Hanks, Day.....	488 S. 7th Ave., Pocatello, Idaho
² Harmon, Virginia.....	Watertown, South Dakota
¹ Harrison, Inez.....	323 N. Maryland, Glendale
Hawkins, Guy.....	6203 Tipton Way
Haworth, John Ray.....	Chatsworth
Hayes, Theodore.....	461 S. Virginia, Pasadena
Hinshaw, Donna.....	2816 Vista, Long Beach
² Hitch, Harris.....	Moorpark
Hoag, Ena.....	Pacific Grove
Hodges, Josephine.....	780 S. Grand Ave., Pasadena
Hoffman, Mary Belle.....	206 N. Cordova, Alhambra
² Hutzel, Ada.....	2514 Camino Real, Arcadia
Jackson, Florence.....	624 E. California St., Pasadena
Jones, Alice.....	1129 Windsor Pl., So. Pasadena
Jones, Merle.....	506 Santa Paula St., Santa Paula
Jordan, Mary Louise.....	526 Valley Blvd., San Gabriel
Juett, George.....	2114 Colorado Blvd.
Keedy, Helen.....	1801 Fair Oaks Ave., So. Pasadena
Kelley, Ruth.....	205 Indianapolis Ave., Riverside
Kelly, Elizabeth.....	521 N. Avenue 53
King, Alfred.....	5115 La Roda
King, Marjorie.....	3839 Elm Ave, Long Beach
Klein, Albert.....	Box 413, Ocean Park
†Kleinpell, Wilke.....	618 Aldama Terrace
Kodweiss, Marion.....	5233 Townsend Ave.
Kredar, A. LeNard.....	370 West 41st St.
Kurze, Louis.....	542 S. Chicago St.
Lawrence, Mary Elizabeth.....	809 Indian Hill, Claremont
Lingenfelter, Daniel.....	Box 118 Rt. 2, Lankershim
Ludlow, Bernice.....	6123 Yucca St., Hollywood
Ludlow, Mildred.....	6123 Yucca St., Hollywood
McCall, Ellen.....	Newark, California
McCoy, Frances.....	1809 Court Ave., So. Pasadena
McLachlin, Jean.....	Moorpark
McLain, Dorothy.....	525 N. Raymond Ave., Pasadena
MacLaughlin, Florence.....	144 S. Kenwood St., Glendale
Mahoney, Anna.....	526 South H. Street, Tulare
Marsh, Gracia.....	802 Atlantic Avenue, Long Beach
Martin, Norman.....	2368 Holly Ridge Drive
Masten, Marion.....	Puente, California
Mixsell, Frank.....	Palm Springs

Morse, Clifton.....	1497 Elm Avenue, Long Beach
Morse, James.....	415 18th St., Santa Monica
Nash, Milton.....	Chino
Nelson, Byrne.....	1615 East 1st St., Long Beach
¹ Newell, Gordon.....	623 Aldama Terrace
¹ Newell, Paul.....	445 East Adams St.
Noble, Hu.....	225½ North Avenue 53
Onstine, Nellie.....	6401 Planada Avenue
Osgood, Charles.....	LaBelle, Mo.
Paine, Joanna.....	511 East 5th Street, Long Beach
² Palmer, Carolyn.....	1622 Bushnell Ave., S. Pasadena
Palmer, Oran.....	338 North Hobart Place
Parker, Audrey.....	1615 Campus Road
Perkins, Vera.....	328 Stedman Place, Monrovia
Perry, Marguerite.....	723 Aldama Terrace
Petit, Stanley.....	14823 W. Gilmore St., Van Nuys
Pohlman, Roger.....	Anaheim
Pomeroy, Arthur.....	Palm Springs
² Pyle, Gladys.....	731 East Walnut St., Pasadena
Ray, Raymond.....	116 E. Santa Barbara Ave.
Reynolds, Marian.....	237 S. Hill Avenue, Pasadena
Roach, Morris.....	859 E. 73rd St., N. Portland, Oregon
Rowins, Frances.....	431 Summit Ave., Pasadena
Russell, Marian.....	1915 Mission St., S. Pasadena
² Ruth, Charles.....	238 Walnut St., Huntington Park
Ryan, Roscoe.....	1118 Stratford Ave., S. Pasadena
†Scherbacher, Armin.....	1150 South Hope St.
Schoessler, Esther.....	300 Fremont St., Portland, Ore.
Shaley, Marion.....	4689 Eagle Rock Blvd.
Sheets, Esther.....	5639 Monterey Rd.
Sheldon, Kenneth.....	Ojai, California
Shoemaker, Nona.....	Bel-Air, West Los Angeles
Smith, Barbara.....	745 S. Adams St., Glendale
Smith, Marion.....	765 Stevenson Ave., Pasadena
Smith, Norman.....	711 Marine St., Ocean Park
Smith, Sarah.....	160 Navilla Place, Covina
Snider, Wilma.....	5101 Stratford Rd.
Spencer, Dwight.....	4309 Park Blvd., Oakland
Spencer, Mabel.....	534 W. 55th. St.
Stahlman, Ralph.....	Woodlake, California
Strayer, Arjuna.....	42 S. Terrace Dr., Pasadena
² Tamagawa, Jiro.....	Yamaguchi, Japan
Taylor, Boyd.....	1865 Campus Rd.
Taylor, Roberta.....	2228 E. 2nd St., Long Beach
Taylor, Roland.....	1046 Fries Ave., Wilmington
Tefft, Raymond.....	620 S. Avenue 59
Thomas, Alfred.....	707½ S. Bonnie Brae St.
Thomson, Lillian.....	Rt. 1, Box 97, Orange, California
² Towne, Evelyn.....	1321 N. Lake Ave., Pasadena
Townsend, Adella.....	5236 Aldama St.

Treff, Lucile.....	1818 Mission St., So. Pasadena
Tyler, Don.....	4557 N. Griffin Ave.
Wamsley, Mary Mae.....	153 N. Ridgewood Pl.
Weststeyn, Lela.....	3193 Matoro St., Pasadena
White, Carryl.....	Rt. 1, Box 201, Tejuanga
Williams, Donald.....	630 N. 3rd. St., Phoenix, Arizona
†Wiley, Wallace.....	1275 N. Allen Ave., Pasadena
Wixom, Lloyd.....	Box 39, Rt. 1, Seeley, California

SOPHOMORES

Adams, George.....	2533 Hillegass, Berkeley
Andrews, Mary.....	126 N. Avenue 57
Arbaugh, Frances.....	400 Townsend St., Lansing, Michigan
²Argue, Bill.....	4532 Glassell Ave.
Ballinger, Elizabeth.....	482 Ashtabula St., Pasadena
Barr, Jean.....	1575 Oak Grove Dr.
Baynham, Helen.....	N. San Antonio Ave., Pomona
Bear, Veloma.....	14 Cypress Ave., Redlands
Belman, Keith.....	6185 St., Albans St.
Biddle, Mary.....	909 Lyndon St., So. Pasadena
Blanchard, Duane.....	520 S. Pacific Ave., Huntington Pk.
Bone, James.....	1348 Pacific, Santa Monica
Bosworth, Barbara.....	1302 E. Villa St., Pasadena
Brady, Arthur.....	4750 York Blvd.
Bragdon, Frances.....	1346 Havenhurst Dr., Hollywood
Breeze, Mary.....	5237 Townsend Ave.
Briody, Anne.....	500 Bellefontaine St., Pasadena
Brown, Maurice.....	Box 32, Pacific Palisades
Burnham, Brodie.....	1550 Curran St.
Campbell, Argyle.....	509 S. St. Andrews Pl.
Campbell, James.....	1322 Gordon St.
Capstick, Thomas.....	Hotel Maryland, Pasadena
†Charnock, Wm.....	Palms, California
Clark, Richard.....	110 Center Ave., Burgettstown, Pa.
Clausen, Ruth.....	1709 Hill Drive
Cocke, Olive.....	3378 Verdugo Rd.
Clayes, Al.....	R. F. D. 1, Anaheim
†Coleman, Zola.....	837 W. Huntington Dr., Monrovia
Condit, William.....	1012 N. Garfield Ave., Alhambra
Cook, Edward Bailey.....	311 Summit Ave., Redlands
Coultas, Walter.....	Oxnard, California
Craig, Norval.....	615 Fickett
Cummings, Harold.....	2341 Glen Oaks Blvd.
Darley, Irene.....	1717 Lucile Ave.
²Davis, Russell.....	306 E. Orange, Monrovia
Davis, Eugene.....	Woodlake, California
Day, Esther.....	Pacific Palisades
Denn, Angeline.....	207 Avenue C, Redondo Beach
Diller, Helen.....	R. D. No. 2, Anaheim

Donaldson, Robert.....	67 San Leander Way, San Francisco
Drum, Edward.....	821 W. 3rd St., Long Beach
Eastman, Robert.....	221 E. Mountain St., Glendale
Eberhardt, John.....	1225 Milton Ave.
Edmonds, Esther.....	121 S. Cedar St., Glendale
Ellsworth, Ted.....	5552 Carlton Way, Hollywood
†Edmondson, Sidney.....	R. F. D. Rt. 1, Box 188, Compton
¹ Ellzey, William.....	219 W. Avenue 42
Enfield, Rollin.....	1557 W. Avenue 47
Fisher, Ada.....	6121 Piedmont Ave.
Fisher, Elizabeth.....	456 E. Adams St., Glendale
Foree, Dorothy.....	Box 231, San Luis Obispo
Fowler, Dorris.....	Duarte, California
Fowler, Marjorie.....	Duarte, California
Fuller, Leora.....	1648 Francisca, Pasadena
Gehan, Norval.....	829 Benton Way
Goble, Marion.....	2940 Ewing Ave., Altadena
Goble, May.....	2940 Ewing Ave., Altadena
Gregory, Rennie Jean.....	2655 N. Griffin Ave.
Guthrie, Catherine.....	1641 Grand View, Glendale
Ham Clifford.....	844 Wall St., Akron, Ohio
Hanigan, William.....	340 N. Orange St., Glendale
Hansen, Charles.....	719 S. Birch St., Santa Ana
Hardesty, Lorena.....	Sacramento, California
Harper, Robert.....	2810 N. Griffin Ave.
¹ Hata, Harry.....	1576 Post St., San Francisco
Hendricks, Edith Louise.....	4415 Pershing, El Paso, Texas
Herninan, Matrid.....	729 Molino Ave., Long Beach
Hibbits, Charles.....	Lompoc, California
Hilkevitch, Marie.....	Harbin, China
Hoffman, Luther.....	522 Herkimere, Pasadena
Hoick, Marion.....	429 Euclid
Holland, Kenneth.....	126 N. Avenue 54
Hunt, Warner.....	2008 Pinehurst Rd.
Imler, Donald.....	232 Thorne St.
Irvin, Briggs.....	1050 Thompson Ave., Glendale
Jimenez, Alexander.....	169 Ritzman St., Pasadena
Johnson, Bee Lucile.....	729 N. Louise, Glendale
Johnson, Mary Elizabeth....	Box 44, R. 1, R. F. D., Glendale, Ari.
Jones, Elmer.....	2261 W. 29th Pl.
Jones, Harold.....	640 W. Fairmont, Glendale
Jordan, James.....	1433 W. Avenue 48
Ketchersid, Ernest.....	1542 Yale St., Santa Monica
Kirk, Harold.....	832 Stratford Ave., So. Pasadena
¹ Klein, Vic.....	2761 W. 9th St.
Kuehny, Phyllis.....	4562 Alumni Ave.
Lee, Kenneth.....	345 N. Belmont, Glendale
Lehman, Evelyn.....	269 Termino Ave., Long Beach
Lindquist, Charles.....	2424 Parkway, Bakersfield
MacPhie, Mary.....	768 Highland, Pasadena

Maeno, Yasuo.....	861 Camino Real, Hermosa Beach
Maharg, Helen.....	1536 Oak Grove Dr.
² Malinovsky, Olga.....	2759 E. Santa Ana Dr., Huntington Pk.
² Marashlian, Edward.....	Athens, Greece
Marshall, Carolina.....	2036 Dracena Dr.
Martin, Edward.....	Grand Junction, Colorado
Martin, Kirk.....	701 N. Avenue 50
Matsumoto, James.....	149 N. McCadden Pl.
² Mattson, Horace.....	2139 Ridge View
Maxson, Evelyn.....	2130 Ridge View
McAulay, John.....	5488 Keats St.
² Meyer, Florine.....	1915 Patton Ave., San Pedro
Millar, Launce.....	Puente, California
Miller, Martha.....	5737½ Santa Monica Blvd.
Minter, John.....	807 N. Broadway, Santa Ana
Misemer, Elmer.....	1677 Hill Dr.
Moninger, Mildred.....	221 Vallejo Dr., Glendale
Monroe, Anna May.....	2056 Fair Park Ave.
Moore, Helen.....	5036 Ellenwood Dr.
Moore, Frances.....	530 N. Avenue 54
Moorman, Virginia.....	111 N. Gardner St.
Morey, Eugene.....	157 W. Monterey Ave., Pomona
Morrison, Lillian.....	Pacific Palisades
Morrow, Eva.....	5120 La Roda
Mullard, Cameron.....	588 N. Berendo
Nay, Vivian.....	5252 La Roda
Neale, Charlotte.....	128 S. Monterey Sa., Alhambra
Nohrnberg, Agnes.....	401 North "C" St., Madera
Osborne, Sherrill.....	5238 College View
Osgood, Franklin.....	223 Walnut St., Walnut Park
Park, Stafford.....	San Fernando
Peairs, Josephine.....	1707 N. Avenue 53
Popelka, William.....	P. O. Box 135, Orosi
Powell, Lawrence.....	1610 Marengo Avenue, So. Pasadena
Pozzo, Louise.....	1204 S. St. Andrews Pl.
Queenen, Minnie.....	Box 745, R. 1, Roscoe
Raab, Frances.....	210 W. Cook, Santa Maria
Ralls, Morgan.....	914 N. Burris St., Compton
Reavis, Ruth.....	1416 Calumet Avenue
Redell, John.....	4188 Don Casper St.,
†Remender, Orletha.....	1603 Lindon Ave., Long Beach
Roberts, Mary.....	2651 Van Buren Pl.
Robinson, William.....	5218 Alverne Ave.
Ryden, Alice.....	1125 E. Mariposa St., Altadena
¹ Schiefer, Carl.....	814 Vista St.
Schuckman, Mildred.....	302 W. Foothill Blvd., Pasadena
Schweizer, John.....	2813 Jeffries Ave.
Schweizer, Ward.....	2813 Jeffries Ave.
Scovel, Atwood.....	9 S. Raymond, Alhambra
Shedd, Catherine.....	2303 Colorado Blvd.

Shelly, Florence.....	R. R. A., Box 1081, San Fernando
Sherer, Myrle.....	324 S. Lafayette
†Shoemaker, Owen.....	Bel-Air, W. Los Angeles
Shumaker, Ruth.....	1133 Prospect, La Jolla
Smith, Leo.....	1227 W. 51st St.
†Sorenson, Clarence.....	1589 N. El Molino Ave., Pasadena
Sumner, Gay.....	5307 Live Oak View
Tait, Roy.....	P. O. No. 186, Phoenix, Arizona
Taylor, Charles.....	420 E. Irvington Ave., Huntington Pk.
Taylor, Mary Barbara.....	2711 Colorado Blvd.
Thompson, Ellice.....	Cashmere, Washington
Thompson, Elwood.....	131 N. Avenue 54
¹ Tilt, Judith.....	455 Bradford St., Pasadena
Walker, Carlton.....	523 N. Central, Glendale
Walker, Kenneth.....	208 E. Broadway, Anaheim
Wallace, Katherine.....	1921 S. Oxford Ave.
Warren, Dorothy.....	4543 Alumni Ave.
Watkins, Ralph.....	1631 Wayne Ave., So. Pasadena
Webb, Harold.....	1209 Genessee, Hollywood
†Weddington, Milo.....	Lankershim
White, Celestia.....	Box 220, R. F. D. No. 1, Paso Robles
Williams, Susie Jane.....	512 N. Isabel St., Glendale
Williamson, George.....	11006 Kling St., Lankershim
Worrell, Elmer.....	731 N. Marengo Ave. Pasadena
Yorba, Bernard.....	202 N. Avenue 57
Zellhoefer, Marie.....	320 N. Stoneman, Alhambra

FRESHMEN

Adams, Cornelia.....	508 S. Catalina, Redondo Beach
² Adams, Roland.....	1421 Portia St.
Allen, Albert C.....	911 Danlar Ave., Oxnard
¹ Allen, Jay Alfrey.....	3450 Loosmore St.
Anderson, Totton James.....	Chatsworth, California
Appleton, Fred.....	721 E. Windsor Rd., Glendale
Archibald, Hubert.....	5620 Hub St.
Beebe, Edwin.....	Anaheim, California
Behrens, Carl.....	5119 Eagle Rock Ave.
Bell, John.....	1445 E. 14th, Long Beach
² Bergeron, Frank.....	1102 Pacific, Santa Monica
Berry, Lora.....	309 So. Chapel Alhambra
Blanchard, Judson.....	805 Grinnell Dr. Burbank
Blumfield, Elizabeth.....	Sunland
Bond, Mabel.....	Fillmore, California
¹ Bonelli, Daniel.....	Kingman, Arizona
Booth, Princess.....	1835 E. 4th, St., Long Beach
Booth, Richard.....	1627 Lyndon St., So. Pasadena
Boulger, Pauline.....	124 So. Guadalupe Ave., Redondo
Bragdon, Eleanor.....	1346 Havenhurst Dr., Hollywood
Brigham, Fleda.....	1711 Monterey Rd., So. Pasadena

Brininstool, Neva.....	1205 N. Stoneman Ave., Alhambra
Bristol, Florence.....	619 N. Kenmore St.
Buley, Chester.....	800 Rome Drive
Burch, Dorothy.....	720 E. Chestnut, Glendale
Burnette, Kenneth.....	927 Magnolia, Burbank
Burrell, Ruth.....	1113 East Harvard St., Glendale
¹ Burkholder, Louise.....	1833 Penryn Ave.
Bush, Kenneth.....	2838 N. Sichel St.
Byrne, John.....	1205 Oakland Ave., Pasadena
Callecod, Dorothy.....	129 S. Hidalgo Ave., Alhambra
Cant, Donald.....	4902 Buchanan St.
Carr, Marion.....	1849 Fuller Ave. Hollywood
Carrey, Edward.....	Walnut, California
Chappell, Gerald.....	Bloomington, California
Cline, Alfred.....	Yakima, Washington
Clothier, William.....	Pocatello, Idaho
Clove, Annie Katherine.....	Etiwanda, California
² Coates, Clifton.....	839 So. Rimpau Blvd.
Cochran, Donald.....	335 So. L St., Dinuba
Cochran, Ione.....	Rt. 2, Box 37, Dinuba
Cole, Jane.....	Montebello, California
² Cope, Chester.....	106 No. Oxford Ave.
Cottrell, William.....	217 S. Palm St., Anaheim
Crane, Genevieve.....	4420½ Pasadena Ave.
Crawford, Rudd.....	1821 Corson St., Pasadena
¹ Crook, Myrtle.....	800 E. Raleigh, Glendale
Culver, Emma.....	5519 Atlas St.
Davies, Mary.....	2829 Orgeon St.
Davis, Betty.....	Box 586, San Fernando
Davis, Jefferson.....	Woodlake, California
Davis, Lola.....	215 S. Locust, Inglewood
De Hoog, Allen.....	1313 99th St.
Denman, Edward.....	3217 Santa Ana St., Huntington Pk.
² Donatelli, Victor.....	1639 So. Hobart Blvd.
Dorman, Dorothy.....	1220 Berkeley Dr., Glendale
Dorman, Dudley.....	512 So. Van Ness Ave.
Doty, Warren.....	333 N. Chapel, Alhambra
Douglass, Irma.....	303 W. Walnut, Lompoc,
Earl, Esther.....	1979 Estrella Ave.
Easterbrook, Dana.....	244 Euclid Ave., Long Beach
Edgar, John.....	534 Cedar Ave., Long Beach
¹ Edwards, Osborne Kenneth.....	Yelm, Washington
Effinger, Clara.....	116 East Chestnut, Glendale
Ellenberger, Lois.....	1712 Bank St., So. Pasadena
Elliot, Arthur.....	112 N. Willow St., Compton
Evans, Alice.....	100 S. Curtis Ave., Alhambra
¹ Ewart, Margaret.....	1012 Fries Ave., Wilmington
Fabry, Willis.....	714 Fremont, S. Pasadena
†Failor, Chas.....	Lankershim, California
Fairbanks, Richard.....	Fillmore, California

Farrell, Martin.....	1480 N. Michigan Ave., Pasadena
Fisher, Ted.....	16 Los Robles Crt., Pasadena
² Fitzgerald, Thomas.....	1000—A. E. Windsor Rd., Glendale
Floyd, William.....	2319 Fair Park
Fogg, Edward.....	1801 Ramona Ave., So. Pasadena
Foreman, Ruth.....	1113 11 St., Douglas, Arizona
¹ Ford, Eugene.....	2435 Rugby Ave., Huntington Park
Freeman, Katherine.....	291 East California St., Pasadena
Gandy, Archie.....	La Habra, California
² Gartner, Marcus.....	9503 Maie Ave.
Gibbs, Ellen.....	929 E. Center St., Anaheim
†Gibbs, Mary.....	1750 Grand View, Glendale
Gibbs, Olive.....	1750 Grand View, Glendale
Gill, E. Roy.....	Oxnard, California
¹ Glunz, William.....	Dumaguete, Or. Neg. P. I.
Gorchakoff, Benjamin.....	1036 Crenshaw Blvd.
Greenich, Felice.....	2038 Norwalk Ave.
Greenlaw, Kenneth.....	621 N. Geneva St., Glendale
Hale, Ruth.....	16907 Western Ave., Moneta
Hall, Charlotte.....	1720 Oak St., S. Pasadena
Hall, George.....	1190 S. Pasadena Ave., Pasadena
Hamilton, Ethel.....	5111 Stratford Rd.
Hanes, Florence.....	Azusa, California
Hanna, Mildred.....	268 Orange St., Covina
†Hardy, Elizabeth.....	4543½ Alumni Ave.
Harlan, Margaret.....	P. O. Box 944, Oxnard, California
Harris, J. Albert.....	612 Hill St., Oceanside
² Hastings, Robert.....	1801 Wayne Ave., S. Pasadena
†Haworth,, Forrest.....	Chatsworth, California
Haye, Lester.....	Exeter, California
Hedrick, Earle.....	832 N. Mariposa
Hendrix, Ross.....	Mesa, Arizona
² Hershey, Frank.....	2230 Hill Dr., Eagle Rock
†Hitch, Samuel.....	Moorspark, California
Hoak, Harland.....	1721 Bushnell Ave., S. Pasadena
Hodgson, Frances.....	2627 Colorado Blvd.
Holley, Roma.....	1605 Atlantic Ave., Long Beach
Holley, Tom.....	358 E. 7th, Long Beach
² Honaker, Lynn.....	2101 Yosemite Drive
Hoover, William.....	Box 8, Laguna Beach
Hopner, Gladys.....	343 N. Central Ave., Glendale
Horn, Wilfred.....	1734 Oxley St., S. Pasadena
Hosford, Mary.....	Walnut Height, San Dimas
Hotchkiss, Vera.....	1460 N. Pacific Ave., Glendale
Hotzell, Ruth.....	829 Walnut Ave., Long Beach
Howe, Kenneth.....	Hawthorne
Howard, Cecil.....	1205 Columbus Ave., Willowbrook
Hughes, Blanche.....	207 N. Alamo, Bell
Hughes, Edna.....	207 N. Alamo, Bell
Jewell, Margaret.....	106 The Uplands, Berkeley

Johnson, Clifford.....	Oxnard, California
Johnson, Mabel.....	West Branch, Iowa
Jones, Doris.....	915 Grattan St.
Jones, Harold E.....	1129 Windsor Pl., So. Pasadena
² Kelsall, Dorothy.....	6019 Buena Vista Terrace
†Kessler, Preston.....	847 5th, Santa Monica
Kremers, Marshall.....	2900 Blanche St., Pasadena
² Kroman, York.....	110 Horseshoe Canyon, Box 807 R. F. D. 10
Kussman, Arthur.....	600½ N. Beachwood Dr.
Larson, Alice.....	1264 West Vernon Ave.
Lauridsen, Frank.....	219 E. Harvard, Glendale
Le Clere, Ruby.....	5213 Rockland Ave.
Leech, Bert.....	5007 Lockhaven
Leech, Frances.....	Covina
Leusinger, Mary.....	1344 Keelam Ave.
Loubens, Rosalie.....	2507 Ocean View Ave.
Loeffler, Allison.....	626 Bedford Dr.
Love, John.....	Chatsworth
Lovell, Marie.....	290 Santa Fe Ave., Long Beach
Lum, Dorothy.....	531 N. Ave., 53
Lyle, Marian.....	4620 Paulhan Ave.
McAllister, Lyle.....	5125 Lockhaven
McKay, Helen.....	4219 Pasadena Ave.
² McLennan, Kenneth.....	115 E. Hillcrest Blvd.
McVay, William.....	1190 W. 29 St.
Macy, Louise.....	78 N. Grand Ave., Pasadena
Manuel, Leo.....	235 Ninde Place, Pasadena
Manuell, John.....	225 N. Marguerita, Alhambra
Martin, Pauline.....	Grand Junction, Colorado
² Meyer, Morey.....	6648 Cedros Ave., Van Nuys
Michenur, Clark.....	144 W. Peoria St., Pasadena
Mildren, Hugh.....	176 Melrose Ave., Monrovia
Miller, Mary E.....	217 S. Fifth St., Alhambra
Mills, J. Gordon.....	1129 Windsor Pl., S. Pasadena
Minor, Louise.....	279 Richmond Ave., Buffalo, New York
†Mixsell, Martha.....	Palm Springs
Montague, Ruth.....	Box 564, Hemet, California
Montgomery, Helen.....	Calipatria
Moreno, Rebecca.....	1620 E. Clara St., Bell
Morgan, Gertrude.....	Baldwin Park
Morgan, Margaret.....	2063 Milan, S. Pasadena
Mosher, Harold.....	1812 Orange Ave., Long Beach
Munz, Harry.....	Garden Grove
² Murphy, Agnes.....	4112 S. Figueroa
Nathan, Maurice.....	621 W. 62 St.
Neal, Jeannette.....	Hemet, California
Nelson, Donella.....	5925½ Fayette St.
Oberholte, Burnell.....	Beaumont, California
Osborne, Lee.....	5238 College View
Packard, Mary Alice.....	1407 Alpha St.

†Parento, Marie.....	637½ S. Sichel St
Parker, John.....	4885 La Roda
Parkhill, George.....	415 N. Kenwood, Glendale
Patchen, Newton.....	1720 Bank St., S. Pasadena
Pershing, Charles.....	410 Cypress Ave., Burbank
Peterson, Vay.....	427 N. Michigan, Pasadena
Pfister, Dorothy.....	540 N. Ave. 54
Plummer, Chas.....	5859 Tipton Way
†Preston, Kathryn.....	827 Second Ave., Yuma, Arizona
Price, Helen.....	3032 Theresa St., Long Beach
Reed, Wave.....	2205 Addison Way
Reeder, Hedley.....	63 N. Meredith Ave., Pasadena
²Renshaw, Robert.....	212 N. Alta Vista, Monrovia
Riley, Frances.....	241 Grinnell Ave., Burbank
Rives, Robert.....	1531 10th St., Glendale
Roberts, Le Ida.....	687 Royce St., Pasadena
†Roberts, William.....	1370 E. California St., Pasadena
Robinson, Amy Esther.....	Deming, N. M.
Robinson, Dale.....	420 Oaks St., Glendale
Robinson, Mary Leone.....	2040 Milan Ave., S. Pasadena
Roblee, Frances.....	177 Orange St., Riverside
Roper, Margaret.....	879 Kensington Rd.
Rozelle, Edwin.....	400 S. Acacia St., Compton
²Sanford, Kathleen.....	10975 Shipple St., Hollywood
Sawyer, Fredia.....	1143 Lagoon Ave., Wilmington
Schulte, Beulah.....	1212 N. Jackson, Glendale
Schurch, Jack.....	537 N. Kings Rd., Hollywood
†Schwarzjokoff, Miriam.....	904 W. Huntington Dr., Arcadia
Schwimley, Don.....	239 S. Maple St., Escondido
Seely, Winifred.....	1050 Galloway St., Pacific Palisades
Shaw, Lucien.....	212 W. Park Ave., Glendale
Shaw, Virginia.....	2012 Dayton Avenue
Sheffield, John.....	1019 Montrose Avenue
Simonson, Anita.....	292 St. Joseph St., Long Beach
Singer, Louis.....	410 N. Bunker Hill St.
Smith Laurence.....	1654 Loma St., Santa Barbara
Smith, Wendell.....	6324 Woodman Ave., Van Nuys
Snedden, Loring.....	Box 219, Maricopa
Soule, Esther.....	725 Bayvie, Wilmington
Spicer, Edna.....	4451 Santa Monica Blvd.
²Stadlinger, Louise.....	326 Pala Ave., Piedmont
²Standing, Ernest.....	Beaumont
Stanton, Eella Florence.....	1602 Camden Parkway, S. Pasadena
Stern, Cecile.....	P. O. Box 12, San Diego
Sutherland, Walter.....	Lemon Cove
¹Sumption, Joyce.....	4508 Wesley Ave.
Tabata, Isawo.....	1115 Travelia St., S. Pasadena
Tenney, Pearl.....	1131 Mohawk St.
Tepe, Howard.....	1742 College View
Thomason, Leo.....	4779 Loland Way

Thoms, Dorothy.....	6313 Fayette St.
Trammell, Victor.....	4239 Whittier Blvd.
² Tripp, Daniel.....	1332 Cedar Ave., Redlands
Van Deventer, James.....	2505 E. 1st St., Long Beach
Vessey, Ervin Reeve.....	1220 Marengo, S. Pasadena
Vokes, Harold.....	1116 Milan Ave., S. Pasadena
Wadleigh, Vena.....	Owensmouth
Wagner, James.....	612 N. Marguerita Ave., Alhambra
² Walker, Garnett.....	390 S. San Gabrel Blvd., Pasadena
Ward, Benjamin.....	311 N. Maclay, San Fernando
Warrell, Charles.....	447 Hood Ave., Huntington Pk.
Waters, John.....	2821 Vista St., Long Beach
†Watson, Richard.....	562 Wensley Ave., El Centro
² Wattles, Gurdon.....	1653 Santa Barbara Ave., Glendale
Webb, Harold.....	1209 N. Genesse
Wedel, Paul.....	Woodlake
Welch, Lenore.....	2049 No. Berendo, Hollywood
Werden, George.....	1976 Milan Ave., S. Pasadena
White, Addison.....	Box 266, Dinuba
White, Everett.....	2014 Banning Ave., Willowbrook
White, Francia.....	Lark Ellen St., Covina
White, Ruth Jane.....	Fillmore, California
Whomes, Arthur.....	1956 La France, S. Pasadena
Wilfert, Charlotte.....	Montebello, California
Wilkinson, George.....	401 S. Stoneman Ave., Alhambra
Willson, Eleanor.....	875 N. Mentor Ave., Pasadena
Winfield, Frank.....	2453 Wabash Ave.
¹ Wolter, Alonzo.....	315 N. Orange St., Glendale
Work, Harry Keith.....	2119 E. 1st St., Long Beach
Worley, Edwin.....	2980 W. 12th St.
Wright, David.....	1438 Oak St., Napa

SPECIAL

Branch, Delmar.....	723 Olive, Burbank
¹ Boushey, Gregory.....	4500 Sunset Blvd.
² Dary, William.....	745 Gaviota, Long Beach
Dixon, Henry Audell.....	5017 S. Figueroa St.
Dobbins, Hugh.....	840 Clay St., Colusa
Essrig, David.....	962 N. Court
² Gibbs, Oscar.....	929 E. Center St., Anaheim
² Larsen, Geraldine.....	1776 Brae Burn Rd., Altadena
Liggett, Katherine.....	2644 Rimpau Blvd.
Nehls, Alice.....	58 W. Peoria St., Pasadena
Palmer, Chester.....	338 N. Hobart Place
² Parra, Anthony.....	118½ N. Eastlake Ave.
Redell, John.....	4188 Yosemite Way
Roberts, Margaret.....	687 Royce St., Pasadena
Van Delinder, Wesley.....	1567 Hazlewood Ave.
Watts, Elizabeth.....	Kohala, Hawaii, T. H.

PART-TIME STUDENTS

Candidates for the A. B. Degree as of June 1927

Eads, Evelyn.....	R. D. Box 438, San Fernando
Eskey, Nettie D.....	819 N. Brand, San Fernando
Fisher, Gertrude J.....	355 Moline Ave., Long Beach
Howland, Stanley F.....	3535 E. 1st St., Long Beach
Irish, Carrie.....	1907 N. El Molino Ave., Pasadena
Jones, Adda B.....	1015 Gand View Ave.
Kading, Estelle.....	115 N. Primrose, Alhambra
Little, Sara Elinor.....	Pacoima, California
May, Nellie T.....	75 Garfield Ave., Pasadena
Perkins, Frankie C.....	727 Angeleno Ave., Burbank
Postle, Gertrude.....	6703 Lyrone Ave., Van Nuys
Roberts, Grace L.....	Porter Hotel, San Fernando
Steinmitz, Hulda.....	6044 Hollywood Blvd.
Tinker, Lotta.....	14206 Hamlin St., Van Nuys
Van Deinse, Lillian.....	88 N. Marengo Ave., Pasadena
Wieman, Stella.....	Baldwin Park

These students are not included in the following summaries.

GENERAL SUMMARY OF REGISTRATION 1926-1927

	Men	Women	Total
Graduate	16	24	40
Senior	63	52	115
Junior	65	80	145
Sophomore	90	76	166
Freshmen	142	113	255
Special	11	5	16
Totals.....	387	350	737

SUMMARY OF STUDENTS BY STATES AND FOREIGN COUNTRIES

STATES	NO. STUDENTS	STATES	NO. STUDENTS
Alabama	1	<i>Brought Forward</i> ..	688
Arizona	12	Ohio	3
California	601	Oklahoma	2
Colorado	6	Oregon	3
Florida	1	Pennsylvania	5
Idaho	3	South Dakota	2
Illinois	13	Texas	3
Indiana	1	Washington	11
Iowa	7	West Virginia	1
Kansas	7	Wisconsin	7
Massachusetts	3	Washington D. C....	1 726
Minnesota	3	FOREIGN COUNTRIES	
Michigan	6	Argentina	1
Missouri	7	Canada	2
Montana	1	China	3
Nebraska	4	Hawaii	2
New Mexico	2	Japan	1
Nevada	2	Palestine	1
New Jersey	2	Philippines	1 11
New York	6		
Total Registration.....			737



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